# The Itlining Immal, RAILWAY AND COMMERCIAL GAZETTE:

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1881.—Vol. XLI.

LONDON, SATURDAY, SEPTEMBER 9, 1871.

(SUPPLEMENT) {PRICE ...... PIVEPENCE.

MB. JAMES OROFTS, STOCK AND SHAREBROKER,
NO. 1, FINCH LANE, CORNHILL.

(ESTABLISHED 1842.)

HOLDERS of mining shares DIFFICULT OF SALE in the open market may find purchasers for the same through Mr. Choffs' agency. Also parties requiring advice how to act in the disposal or abandoument of doubtful mining stocks may profitably avail of Mr. Choffs' long experience on the market in all cases of doubt or difficulty, legal or otherwise.

(CASTLE AN DINES TIM MINE (LIMITED).

doubt or difficulty, legal or otherwise.

CASTLE AN DINAS TIN MINE (LIMITED).

This mine (St. Columb, Cornwall) is now in full work, and making regular profits. A minimum dividend of 10 per cent. is guaranteed for three years, from January, 1871, but the profits are expected to give a much higher return. The shares are limited to £2 each, and FULLY FAID, so there is no liability whatever. Mr. Crofts strongly recommends these shares, in which he has special BUSINESS.

pecial Business, Every description of shares bought and sold at NET prices. Bankers: Metropolitan Bank.

Bankers: Metropolitan Bank.

MR. W. H. BUMPUS, STOCK AND SHAREDEALER,

44, THREADNEEDLE STREET, LONDON, E.C., has FOR SALE the
following SHARES, free of commission:—
29 Assheton.
40 Birdseye Creek, £4,
fully paid, 29 Gt. No. Laxey, fully
90 Gashwell.
30 Cacgypon, 31s.
30 Marke Valley, £5 139
30 Drake Walls.
310 Forener and Wheal
310 Nangiles.
32 Bast Jlaugynog, £3.
35 East Llaugynog, £3.
36 East Llaugynog, £3.
36 East Llaugynog, £3.
37 Pestarena.
38 Herrich Merican, £3½,
39 East Grenville, £3½,
30 Farker Sharlonal Provincial Bank of England, E.C.

MRR. Y, CHRISTIAN, STOCK AND SHAREDEALER,

MR. THOMAS THOMPSON, JUN., STOCK AND SHAREDEALER AND MINE AGENT, 5, WHITEHALL, LONDON, S.W.

Some valuable hints as to the purchase of mining shares will be found in Mr. Thompson's "Investment Circular" for September; now ready; post free, price 6d.

MR. JOHN CARTER, MINE AND SHARE DEALER, Business in every description of shares at close market prices of the day. References exchanged when required.

Twenty-six Years' Experience. M. R. F. W. MANSELL, STOCK AND SHAREDEALER, 1, PINNER'S COURT, OLD BROAD STREET, LONDON, E.C. Dally List of closing prices in British and Foreign mines every evening (free). References exchanged. Bankers: London Joint-Stock Bank.

MR. Y: CHRISTIAN, STOCK AND SHAREDEALER, 11, ROYAL EXCHANGE, E.C. Bankers: Bank of England. MR. WILLIAM SEWARD, STOCK AND MINING SHARE BROKER, 19, THROGMORTON STREET, LONDON, E.C. Everydescription of shares BOUGHT and SOLD at the best market prices.

M B. C. POWELL, STOCK AND SHAREDEALER, 78, OLD BROAD STREET, LONDON, E.C. M. THOMAS SPARGO, MINING ENGINEER, STOCK AND SHAREDEALER, 224 AND 225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C.

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RY ENGLISH

MR. GRORGE BUDGE, STOCK AND SHAREDEALER,
No. 4, ROYAL EXCHANGE BUILDINGS, LONDON, E.C. (Established
139 St. Agnes Consols, 2 Minera, 150 West Oardon, 145 Gwydyr Park, 2 Devon
Grat Consols, 3 New Rosewarne, 100 Wheal Crebor, 60 Perkins Beach, 73 East
Ferras, 50 Wheal Lucy, 45 Caceynon, 70 Prince of Wales, 15 Rose and ChiverLoy, 60 Now Beldon, 3 Cook's Kitchen, 40 Pennericy, 20 East Van. 100 Great
Consols, 3 Nanglies, 25 Perton, 35 West Jewell, 20 Wheal Grenville, 80 Great Cara60, 35 Nanglies, 25 Perton, 35 West Jewell, 20 Wheal Arthur, 5 East Darren,
15 Frank Mills, 250 Alloyer, 200 Kelpis, 10 Utah, 150 General Brazilian,
15 Pinto, 30 Sao Vicente.

SPECIAL BUSINESS in St. John del Rey, Van. East Darren, Miners, New

WHAT PAYS BEST?—A PRACTICAL TREATISE UPON INVESTMENTS IN BRITISH AND FORRIGN MINES.
W. MABLBOROUGH AND CO.,

M. HENRY MANSELL. STOCK AND SHAREDEALER,

34, GREAT WINCHESTER STREET, LONDON, E.C.
An OFFER WANTED for the following shares (or any part of same):—
55 Bog, £2 10s., fully pd.
56 East Caradon.
50 Sweetland Ck., £4 1 3
56 Aberdaunant.
56 East Revitation.
57 East Revitation.
58 Bog Bast Revitation.
58 Bog Bast Revitation.
59 Bog Bast Revitation.
50 Bast Revitation.

20 Satt Cardon.
20 Savectland Ck., 44 1 3
20 East Cardon.
20 Sweetland Ck., 44 1 3
20 East Cardon.
20 Prencricy. 44 1s. 3d.
20 Pennericy. 48 1s. 3d.
20 Uwest Jewell.
20 Uwest Jewell.
20 East Liangynog.
21 North Crofty.
20 Great Vor. 49%.
20 Great Vor. 49%.
20 Great Vor. 49%.
20 So. Roman Gravels.
20 Wheal Carbor.
20 Wheal Carbor.
20 Wheal Uny. 48 2s. 6d
20 Wheal Crebor.
21 O'Wheal Crebor.
22 O'Wheal Carbor.
23 O'Wheal Carbor.
24 Drake Waits, 11s. 3d.
25 Oo. Roman Gravels.
26 Great Vor. 40 Frake Waits, 11s. 3d.
27 O'Wheal Carbor.
28 Liangynog.
29 Cook's Kitch., 426%.
26 Great Vor. 49%.
26 Great Vor. 49%.
27 Taquaril, 8s. 3d.
28 Unsalan Cooper, 48 100 East Terras. 20s.
29 So. Roman Gravels.
26 Wheal Carbor.
27 O'Wheal Carbor.
28 Charley Wanted.
29 Wheal Carbor.
29 Wheal Carbor.
20 Wheal Lucy. 43%.
20 Wheal Carbor.
20 Wheal Lucy. 43%.
20 Wheal Carbor.
21 Tarkerville, 418%.
22 O'Wheal Lucy. 43%.
23 O'Wheal Carbor.
24 Drake Waits, 11s. 3d.
25 O'Wheal Carbor.
26 Wheal Carbor.
27 O'Wheal Carbor.
28 Wheal Greaville, 418%.
29 So. Roman Gravels.
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24 Drake Waits, 11s.
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28 Tarkerville, 418%.
29 So. Bussian Cooper, 48 100 East Terras.
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26 Great Vor. 49%.
27 Tarkerville, 418%.
28 Tarkerville, 418%.
29 So. Bussian Cooper, 48 100 East Terras.
20 Tarkerville, 418%.
20 Wheal Great Lovell, Great Carbor.
21 Tarkerville, 418%.
22 Tarkerville, 418%.
23 Tarkerville, 418%.
24 Tarkervill

References exchanged.

Daily List of Latest Prices sent free on application.

29, Bishopsgate-street Within, London. Post free Sixpence.

SINESS in St. John del Rey, Van, East Darren, Minera, New Chiverton, Bwich Consols, and Sierra Buttes.

WESLY WEEKLY MINING CIRCULAR AND SHARE LIST,"
No. 651, of Friday, Sept. 8, 1871. Price 6d. each, forwarded on application. MR. PETER WATSON, STOCK AND SHAREDEALER. 79, OLD BROAD STREET, LONDON, E.C.

Bankers: The Alliance Bank, and Union Bank of London. TANKERVILLE—ROMAN GRAVELS,—
PRTER WATSON'S "WEEKLY MINING CIRCULAR AND SHARE
LIST," No. 651, of Friday, Sept. 8, contains the latest particulars of the above,
and also of the LEADING COPPER and TIN MINES of CORNWALL.

WEEKLY MINING CIRCULAR, EVERY FRIDAY,-LONDON DAILY RECORD, STOCK & SHARE LIST, Every Evening.
Published by P. Warson, Stock and Sharedcaler, 79, Old Broad-street, E.C.

W. H. C. U. E. L. No. 42, CORNHILL, LONDON, E.C. Daily price-list on application.

MR. E. J. BARTLETT, STOCK AND SHAREDEALER, No. 30, GREAT ST. HELEN'S, LONDON, E.C., transacts business a net prices in every description of security.

Ninth Edition; post free for seven stamps. HOW TO INVEST, AND WHAT TO SELECT:
THE CAPITALIST'S GUIDE.
Published by E. J. BARTLETT, 30, Great St. Helen's, London, E.C.

MESSRS, W. DUNN AND CO., STOCK AND SHARE-DEALERS, 3 AND 4, GREAT WINCHESTER STREET BUILDINGS, LONDON, E.C. Bankers: National Provincial Bank of England.

15 Bronfloyd, £2 7s, 6d. 25 Bog, £2 15s, 90 Caegynon, £1 15s, 2 Carn Bres, £145, 10 Eberhardt, £36 5s, 3 East Basset, £7, 5 East Lovell, £12 5s,

## Bankers: National Provincial Bank of England.

### FOR SALE, at prices affixed:—

### 15 Bronfloyd, £2 7s, 6d. 30 East Seton, £1 7s, 6d. 2 West Frances, £65. 28 Bog, £2 15s. 4 No. Roskear, £1734. 2 West Frances, £65. 20 North Crotty, £2 2s 6 10 Wheal Greuville, £7. 6 Wheal Live, £3 8 9d. 2 Carn Brea, £145. 10 Pennerley, £4 1s, 3d. 5 Wheal Kitty (St. 16 Eberhardt, £36 5s. 35 Terras Tin. 35 Terras Tin. 5 East Baset, £7. 35 O Yan Consols, £1 7s 6d. 10 Utah, £16 12s, 6d. 20 Van Consols, £1 7s 6d. 10 Utah, £16 12s, 6d. 10 Utah, £16 12s, 6d. 10 Utah, £16 12s, 6d. 20 Van Consols, £1 7s 6d. 10 Utah, £16 12s, 6d. 1

5 Sast Lovell, £12 5s. 50 Van Consols, £1 7s 6d 10 Utah, £16 12s, 6d. Messrr. W. Dunn and Co. are prepared to recommend to their correspondents the shares of a valuable tin mine situated in the richest district of Cornwall. The shares in question Messrs. W. D. and Co. have been able to secure in good season, and are willing to supply a limited pumber to their usual correspondents at a price that will (they are confident) prove most advantageous to the purchasers, and, at the same time, moderately but sufficiently remunerate themselves. Full particulars on application.

3, Great Winchester-street-buildings, London.

E D WARD BREWIS AND CO., 18 AND CO., Bankers: Alliance Bank (Limited), Bartholomew-lane, E.C.

MR. JAMES STOCKER, STOCK AND SHAREDEALER, 2, CROWN COURT, THREADNEEDLE STREET.
Bankers: London and Westminster (Established Twenty Years).

SILK AND CO., STOCK AND SHARE BROKERS, 32, REGENT STREET, PICCADILLY, W. FRANK LIMMER, Secretary.

BUYERS OF EAST BASSET, TANKERVILLE, EAST Penneriev, Taquaril, South Condurrow, South Roman Gravels, West Tankerville, Bog, SELLERS of West Frances, New Lovell, Taquaril, East Van, West Caradon, Wheal Lucy, Wheal Mary Ann, and sales and purchases in mines generally. Apply to Mesers. J. Bishop and Co., 32, Nicholas-lane, Lombard-street, London.

WHEAL GRENVILLE, EAST WHEAL GRENVILLE, Treleigh Wood, West Caradon, Wheal Lucy, New Rosewarne, and Wheal Crobor Mines specially recommended. Wheal Grenville shares, in all probability, will be worth £20 each; East Grenvilles, £10; Treleigh Woods, £150; West Caradons, £7; Wheal Lucy, £20; New Rosewarne, £150; and Wheal Grebore, £5.

CATAGOUS, E., THE CONTROL OF STOCK AND SHARE BROKER, Mr. JOHN RISLEY (SWORN) STOCK AND SHARE BROKER, 77, CORNHILL, LONDON, E.C.

M. R. W. TREGELLAS, 122, BISHOPSGATE STREET
WITHIN, LONDON, E.C., is PREPARED to DEAL in all descriptions
of STOCKS and SHARES at close market prices.
W. T. strongly recommends for investment the shares of the Eclipse Gold
Mining Company, which will soon be in a condition to make large returns of
gold and silver.
W. T. also recommends the purchase of shares at once in New Wheal CharLOTTE TIN AND COPPER MINE COMPANY (Limited), St. Agues, Cornwall, full
particulars of which can be had on application.
Bankers: Imperial Bank.

MESSRS, WM. MARLBOROUGH AND CO.,
29, BISHOPSGATE STREET WITHIN, LONDON, E.C. (Established II years), have FOR SALE the FOLLOWING SHAIRS at prices annexed:—
40 A'mada, 20s, 6d.
5 Bog, £2 11s, 3d.
5 Bog, £2 11s, 3d.
5 Bog, £2 11s, 3d.
5 Caseynon, 35s.
1 Cook's Kitchen, £27½,
50 Categynon, 35s.
1 Cook's Kitchen, £27½,
50 Drake Walls, 16s, 9d.
60 Categynon, 35s.
1 Cook's Kitchen, £27½,
50 Drake Walls, 16s, 9d.
60 Categynon, 35s.
1 Cook's Kitchen, £27½,
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60 Categynon, 35s.
1 Cook's Kitchen, £27½,
50 Drake Walls, 16s, 9d.
60 Drake Walls, 16s, 9d.
60 Drake Walls, 16s, 9d.
60 Drake Walls, 16s, 9d.
61 East Rythdalog,
60 East MESSRS. J. HUME AND CO., 74, OLD BROAD STREET,

FOR SALE—
10 Eberhardt.
10 Utah, £17½.
20 South Aurora, £4.
20 Richmond Cons., £2
prem.

50 Taquaril, 7s. 6d.
10 East Lovell, £12½.
10 East Lovell, £234.
1 Carn Brea, £433.
10 East Van, £13½.
20 Van Consols, £65.

10 So. Condurrow, £934 10 Great Vor. £93. 10 Tankerville, £1714. 20 W. Tankerville, £34. 5 W. Chiverton, £1614.

Shares bought and sold at closest prices. Telegrams promptly attended to.

MESSRS. ENDEAN AND CO., STOCK AND SHARE DEALERS, 85. GRACECHURCH STREET, LONDON, E.C. All marketable stocks dealt in for cash or account. We strongly advise the prompt purchase of shares in the EAST LLANGYNOG LEAD MINING COMPANY (Limited). This mine will shortly pay a dividend, Apply at once for shares as above. Our clients will remember that we have from the first advised the purchase of the TERRAS Tin shares, believing it to be, from our own inspection, one of the best tin-paying properties in the West of England. We have now only a limited number of shares for sale. Apply at once, ENDEAN and CO., 85, Gracechurch-street, Londón, E.C.

HE CITY EXCHANGE MINING AND INVESTMENT OFFICES, 32, NEW BROAD STREET, LONDON, E.C.
ALFRED FISHER, MANAGER.
Business transacted in all marketable securities for cash or account.

M ESSRS. HITCHENS AND NEW POULTRY CHAMBERS, LONDON, E.C., MINERAL AGENTS AND SURVEYORS.

Capt. S. EDDY MARTIN, Mining Engineer and Surveyor, and for many years connected with the celebrated Lisburne Mines, Cardigaushire, and now residing in Montgomeryshire, is one of the above firm. His services can be obtained to survey, inspect, and report on mining properties in the Principality, and, from his long connection with Wesh mining, investors should avail themselves of his services, which would guide them to safe and sure investments. All communications to be addressed as above, to which prompt attention will be given.

All communications to the state of the state

THE LONDON STOCK AND SHARE AGENCY,
IN CONNECTION WITH
THE LONDON HOUSE AND INVESTMENT COMPANY.

Stock and Share Brokers, Mortgage Brokers, House Agents, Land Surveyors, and Auctioneers. OFFICES,-165, STRAND, LONDON (Near Somerset House).

M R. C H A R L E S T H O M A 8, MINING AGENT, 3. GREAT ST. HELEN'S, LONDON, E.C.

M ESSRS, A. W. THOMAS AND CO., 10, COLEMAN STREET, E.C., MINING AGENTS, AND STOCK AND SHAREDEALERS.

Monthly Circular for September now ready; post free, 6d.

MESSRS. G. LAVINGTON AND A. PENNINGTON.
44, THREADNEEDLE STREET, E.O., STOCK AND SHAREDBALERS,
have SPECIAL BUSINESS in the undermentioned:
Birdsey.
Bog. Kitty (St. Agnes).
Bog. Mary Ann.
Powell United.
Eclipse. Pennerley.
Great Wheal Vor. Perkins Beach
Parties wishing to purchase or sell in the foregoing are requested to make
early application.
WANTED—100 Pacific.

LAVINGTON AND PENNINGTON, SWORN BROKERS.

TO INVESTORS .- NOW READY.

AVINGTON AND PENNINGTON'S "MONTHLY RECORD OF INVESTMENTS," containing an exhaustive Review of the British and Foreign Stock and Share and Money Markets, &c., with an enumeration of safe investments, paying from 10 to 20 per cent. Price 6d. pr cropy, or 5x, annually, G. Lavington and A. Pennington, 44, Threadneedle-street, London, E.U.

MR. T. E. W. THOMAS, STOCK AND SHAREDEALER, 3, GREAT WINCHESTER STREET BUILDINGS, E.C.
Business operations in Mining Shares negociated at close market rates.

Daily Price-List on application.

Established 1857.

OUTHEONOMY.

NHY I ADVISED THE SALE OF SHARES IN THIS MINE,
1.—On June 11, one day before the meeting, I learned that the losses on the
four months' working amounted to £2347s. 8d.
2.—That by an unprecedented course the sum of £878 4s., realised on the sale
of the on the 14th June, a telegram as to which arrived on the 15th (the morning of the meeting), was at once discounted, and made applicable to dividend.
3.—That the working costs being over £2000 per month, the margin of possible profits is not such as to encourage me in recommending the shares as an investment.

Investment.

No shareholder in this mine should hesitate to enquire of the Secretary if the above comments can be verified.

Crown Chambers, Threadneedle-street, London.

M R. T. A. MUNDY, STOCK AND SHAREBROKER, 38, BISHOPSGATE STREET WITHIN, E.C. Bankers: City Bank.

MR. C. A. POWELL, STOCK AND SHAREDEALER, No. 1, PINNER'S COURT, OLD BROAD STREET, K.C. References exchanged. Bankers: City Bank, Finch-lane.

PARTLETT AND CHAPMAN, STOCK AND SHARE DEALERS, 26, CORNHILL, LONDON, E.C.
"Handybook for Investors," price 12s. 6d., post free.
"British Mines and Mining," price 2s. 6d., post free.

HOOKE AND CO., STOCK AND SHAREDEALERS,
LIFE, FILE, AND MARINE INSURANCE AGENTS,
9, UNION COURT, OLD BROAD STREET.
At the rate of One Guinea per annum, we give investors information on legitimate mining properties in the United Kingdom.

MPORTANT TO INVESTORS IN BRITISH AND FOREIGN MINES, RAILWAY STOCKS, and other Securities of all descriptions.
Dividends at the rate of 5, 10, and 13 per cent.
Consult Mr. JOHN B. REYNOLDS' SPECIAL LIST OF INVESTMENTS.

Sent free by post on application to John B. Reynolds, Stock and Share Dealer, 70 and 71, Bishopsgate-street Within, London, E.C.

INVESTORS in SEARCH of GOOD SOUND PROPERTIES, paying 10 to 20 per cent. per annum, should send for the Sixth Edition of BRITAIN'S METAL MINES," price is., or free per nost is. id. A complete Guide to their Laws, Usages, Localities, Statistics, and Share Market.

By JOHN R. PIKE, Crown-chambers, Threadneedle-street, London.

MESSES. CAMERON AND CO., SHAREBROKERS, IN Wales, are ENABLED to FURNISH the BEST and MOST RELIABLE NEOREM. AND MINES.
Messes. CAMERON and Co. invite enberticitions for a limited number of fully-paid shares, at £2 each, in a sound MINING PROPERTY, which is certain to pay large dividends at an early date. Full particulars forwarded on application. Business transacted in American Gold and Silver Mines, also in Roman Gravols, Tankerville, log. Penneriey, and Perkins Beach. OFFICES: BRIDGE STREET CHAMBERS, CHESTER.

HERMANN BREITHAUPT, MOUNTAIN ENGINEER, in FREIBERG (SAXONY) attends to the SALE (on commission) of GOLD, SILVER, COPPER, and other METALLIC ORES and REFUSE at the highest rates, and furnishes information relating thereto post paid on pre-paid applications.

M. R. T. W. G. R. E. E. N. F. I. E. L. D.,
CHURCH LANE, TAVISTOCK.
PUBLIC ACCOUNTANT, AUDITOR, STOCK AND SHARE BROKER.
Sales and Purchases effected in British and Foreign Stocks, Funds, Railway
Debentures and Preference Stock, Bank, Gas., and Mining Shares.
FURZE HILL TIN MINE specially recommended.

M ESSRS. W. BRUNTON AND CO., SAFETY FUSE MANUFACTURERS. REDRUTH, CORNWALL; AND RRYMBO. NEAR WREXHAM.

MR. R. PERCY ROBERTS, 60, ENGLISH STREET, CARLISLE.

THE LONDON AND PROVINCIAL INVESTORS' SHARE EXCHANGE (POWELL, DIXON, AND CO.).

26, CHANGE ALLEY, LOMBARD STREET, LONDON, E.C.,
BUY and SELL every description of Stocks and Shares at close market prices
net. Exclusive and reliable information on all the market mines.

No. III. SERIES.

A USTRALIAN AND NEW ZEALAND DIVIDEND GOLD MINES INVESTMENT COMPANY (LIMITED).

Capital, £50,000, in shares of £1 each,
In Ten Distinct Series of Investments of £300 each.
The number of shares applied for in the No. 1 and No. 2 Series having been considerably in excess of the 10,000 shares to allot, the directors have decided upon issuing a Third Series forthwith.

The present issue will consist of No. 3 Series, for both Australian and New Zealand investments, £300.
Applications for these shares should be sent in forthwith.
For forms, &c., apply to—
THOMAS DICKER, Secretary.
Offices, 4, Royal Exchange avenue, London, E.C., Sept. 1, 1871.

LETTERS PATENT FOR NEW INVENTIONS HASELTINE, LAKE, AND CO. obtain HOME, FOREIGN, and COLONIAL PATENTS at reasonable charges. Agents in various

"INTERNATIONAL PATENT OFFICE"

(ESTABLISHED A.D. 1850). SOUTHAMPTON BUILDINGS, LONDON; and BROADWAY, NEW YORK.

#### THE EAST BOTTLE HILL MINING COMPANY

(LIMITED).

Capital, £30,000, in 6000 shares of £5 each.

Incorporated under the Companies Acts, 1862 and 1867, by which the liability of shareholders is limited to the amount of their shares.

Deposit, £2 per share on application, and £2 on allotment, and the balance by calls as required.

DIRECTORS

s as required.

DIRECTORS.

JAMES JOHNSON, Esq., Relmont House, Starbeck, Harrowgate.
WILLIAM WARD, Esq., West Hill, Hessle, Hull.
GEORGE DAWES, Esq., Milton, near Barnsley.
JOHN PERROTT, Esq., St. Ann's Hill, Cork.
EDWARD NEWTON CARIE, Req., Plymouth Grove, Manchester.
BANKERS—THE ALLIANCE BANK (LIMITED), London, E.C.

SECRETARY-MR. EDWARD BREWIS. OFFICES,-19, BISHOPSGATE STREET WITHIN, CITY, LONDON, E.C.

#### PROSPECTUS.

PROSPECTUS.

This company has been formed to purchase and work the mineral property known as the East Bottle Hill Mine, situated in the parish of Plympton St. Mary, Devon. No cash payment is to be made by this company for the purchase, nor is any promotion money to be paid.

Upwards of \$5000 shares are already subscribed for, consequently there are now only 1000 shares to be issued under this prospectus, and it is intended to apply the amount to be received thereon in the erection of a steam-engine and the other works required for the further development of the mine.

The length of the company's property is about 3500 lineal feet from west to sast, and about 3500 lineal feet from north to south; is distant 2½ miles from the Plympton station on the Bouth Devon Railway, giving casy access for all ores and majorials, &s., to and from the mine. It is held by deed from the trustees of the late Admiral Woolcombo and Major Strode, at £20 yearly rentain merging in the does at 1-18th, and as soon as a steam-engine is erected the deas will be 1-30th, and is for 20 years, from the 22th March, 1870. The indenture of lease, dated the 1st December, 1870, can be inspected at the company's office.

The Great Champion lode of the district is stated to have returned ores to the value of about two millions stering (£2,000,000), and it will be seen from the reports that it traverses the mine for about 400 fms.

The assays by Messrs. Johnson, Matthey, and Co. (Assayers to the Bank of England) give the following results:—

CERTIFICATE OF ASSAY.

London, July 10, 1871.—We have examined the samples of minerals marked as under, and find the following to be the results:—

Mark sample, East Bottle Hill Mine.

Sample No. 2, from shallow adit level cast, on north thi lode, produce of tin, 199 per cent.

Sample No. 3, from south lode, west of road leading to Hemerdon Village,

19:9 per cent.
Sample No. 2, from south lode, west of road leading to Hemerdon Village, produce of tin, 8:3 per cent.
Sample No. 4, from south lode, east of the mine, in granite, produce of tin,

\*\*O per cent.

A trial shaft has been sunk near the eastern boundary, which has proved the Great Champion lode to be for a distance of about 400 fms. in length, intact through the property, and by the crection of a moderate sized steam-engine—say, 40 to 50-in. cylinder, with a battery of 48 heads of stamps. costing about £3000—it is estimated that a minimum profit of £10,000 a year from sales of tin

may be made.

A great quantity of tin ground is already opened up on No. 3 and 4 lodes, and No. 5, tin lode, will shortly be intersected at depth of 40 fathoms from surface. A great quantity of tin ground is aiready opened up on No. 3 and 4 lodes, and No. 5, tin lode, will shortly be intersected at depth of 40 fathoms from surface. An Iron water-wheel of 60 feet in diameter is erected and a battery of 12 heads of stamps attached thereto, with necessary floresing floors contiguous. Plans and prospectuses can be had at the offices of the company or by application to the Alliance Bank, London, E.C.

In cases where no allotment is made, the deposit will be returned in full.

N.B.-The SHARE LIST will CLOSE in a FEW DAYS.

#### REPORTS.

East Bottle Hill Mine, Plymplon, April 25, 1871.—To work this properly on spech a scale as its prospects warrant, I should direct full attention to the Bottle Hill main lode; here I have no doubt the results would be so favourable that you will require a good battery of steam-stamps, this would enable you to work a large quantity of thistone at all >ca-ons of the year, and in fact, bring the mike into a good and profitable state.

THOMAS GREGORY.

Hemerdon, Plympton St. Mary, June 24, 1871.—As regards the productiveness of your Champion lode, I may just state that I have known 70 tons of this sent off at one sale from B title Hill. No person can have a better idea of the remarkable riches of this lode then when I state that as a proof of it there was sold annually from 150 to 250 tons tha, and from 2000 to 360) tons rich copper ores, † Tin averaged at that time about £4.5 per ton, and the copper £10 to £12 per ton. You have, besides the Champion lode of this district, several other tin lodes each passing through your mine from 450 to 550 fathoms in length. I do not think there is a property in the two counties of Devon and Cornwall which has such great prospects before it. From the great facilities that East Bottle Hill po-seeses it can be developed to a result equal to the old mine, or indeed to any mine that Is working at present in Devon or Cornwall. HENRY JONES.

\*70 tous of tin at present price (August, 1871), would realise £5600.

Hill possesses it can be developed to a result equal to the old mine, or indeed to any mine that is working at present in Devon or Gernwall.

\*70 touts of tin at present price (August, 1871), would realise 2.5500, and 2000 tons of copper at the minimum price of £10 per ton, would realise 2.5500, and 2000 tons of copper at the minimum price of £10 per ton, would fetch £20,000, or a minimum total of £26,000 per annum. The present value would be about £12,000 for tin, and £14,000 for copper.

\*Ridgeaga, Plympton St. Mary, June 23, 1871,—The main lode averages from 6 to 15 feet wide, and is undoubtedly the Great Champion lode of the district. No. 2, tin lode, passes underneath your wheel-pit, and is a most promising lode, carrying gossan and mundic in quantity at 5 fathoms from surface; it averages 2 to 3 feet wide, and traverses the property for 420 fathoms. No. 3, or copper lode, is intersected at a depth of about 9 fathoms, by the deep adit level, averaging ing in width 18 in. It is driven on the course eastward for 15 fathoms; the experimental property of the depth of a south of the course of the control of the course of the course

chis I may say is seldom found in any mine.

NICHOLAS FEZZEY.

East Bottle Hill Mine, July 1, 1871.—Sirs: I beg to send you a report of this mine.—No. 1, or North Lode: We have commenced to sluk on this lode (the main lode of Bottle Hill Mine), which runs through your property—East Bottle Hill—for full 400 fathoms in length, and has been productive up to their cast boundary, and no doubt it will turn out equally good in this, and in my opition more so as we approach the clevan and granite, a very short distance east of the shaft we have just commenced to sluk. I may just say that I have been agent in old Bottle Hill for the last 30 years, and our monthly returns for years was from 15 to 20 tons of tin, and in copper ore from 180 to 200 tons monthly, research as this lode. Price of tin varied at that time from £45 to £50 per ton. The copper ore was very good; a verage price about £15 per ton. I have known parcels sold as high as £20 per ton; the standard for copper was then £120 to \$140. This lode in old Bottle Hill Mine has been worked for more than half a mile in length; for this distance the lode's average size is full 10 feet wide, with an underlie north 3 ft. in a fathom, and has been worked on to the depth of 170 fms. from surface. This lode alone has returned something like £2,000,000 sterling in ores, and which has given dues of very large amount for generations to the ancient family of Strode. Having known this locality for so many years, and seen this lode worked up to your west boundary, and finding the lodes productive up to this point, I have no heststation in saying that if you open up this lode, which passes through your sett for such a great length (400 fms.), that you will find it turn out equally good, if not better, than in the old Bottle Hill I thas been productive for both tin and copper ores, and still working on it at a profit; this lode has turned out rich copper ore in your mine, at the shallow depth of 9 fms.

No. 3, or Copper Lode,—is driven 15 fathoms east on its course, average width 18 in., and seen about 9 fathoms from surface. In Bottle Hill it has been productive for both tin and copper ores, and still working on it at a profit; this lode has turned out rich copper ore in your mine, at the shallow depth of 9 fms. producing from 27½ to 30 per cent.; this lode presents every good indication, and will no doubt be found of great value in depth.

No. 4 Lode is worth £25 per fathom, driving at 325, 6d, per fathom.\*
No. 5, or South Lode:—The cross-cut driving toward this lode, is now within a short distance of it, and will cut it at a depth of 40 fathoms; after meeting

a short distance of it, and will cut it at a depth of 40 fathoms; after meeting with it at this depth, by driving cast on its course into the Hill Will give up. wards of 70 fathoms of backs, all high and dry for between 400 and 500 fathoms. with it at this depth, by driving cast on its course into the Hill will give upwards of 70 fathoms of backs, all high and dry for between 400 and 500 fathoms
in length, which will be taken at a small cost, as no pumping machinery will be
required. We have sunk trial shaft on this lode at the western point of our
boundary in killas, and at a depth of 6 fathoms found it produce rich work for
fin. To the east part of the sett, full 400 fathoms apart, and in the granite, we
sunk on same lode to the depth of 15 feet, and found it at this shallow depth to
produce rich atones of tin of superior quality. We have two other lodes discovered further south, large and promising, but scarcely anything done on them,
therefore, little can be said.
A battery of 45 heads of stamps would crush 50 tons of tin ore a day, and with
1½ per cent. produce would yield 15 tons of tin por month, value at present prices
of tin £100, but after opening up the lodes I believe you will by the returns of
tin and copper double this amount, therefore allow me to say an engine should
be put up that would work 72 heads of stamps with case.
You have a little south of the mine the South Devon Railway, this would be
found of great advantage for bringing materials for working, as well as taking
the produce of the mine to market. There is now on the mine a first-class
water-wheel, 60 feet by 2½ feet breast, 12 heads of stamps, and dressing-floors
complete, in good working order, also a good smiths' shop and powder magazine.
I know no mine in the two counties,
See Johnson, Matthey, and Co's. (Assayers to the Bank of England), certificate of assay, a copy of which accompanies the prospectus.

(LIMITED).
To be incorporated under the Companies Acts, 1862 and 1867. Capital £12,000, in 12,000 shares of £1 cach.

5r. on application, and 5s. on allotment. Calls not to exceed 2s. 6d. per share, and not to be made at intervals of less than three months.

DIRECTORS.

To be chosen at the first general meeting of subscribers for shares

BANKERS—Messrs. ROCKE, EYTON, and Co., Shrewsbury. SOLICITOR-Mr. HENRY MORRIS. SECRETARY-Mr. H. J. BADDELEY, Pontesb OFFICES,-SWAN HILL, SHREWSBURY.

PROSPECTUS.

The company is being formed with the object of working the lead, copper, and other minerals under land situate at Liyaciys, near Oswestry, Salop.

The area of the land under which the right to work has been reserved is about 300 acres.

The area of the land under which the right to work has been reserved is about 300 acres.

The property is most conveniently situated in proximity to the Llynclys Station on the Cambrian Railway System, and a peculiar feature in it is that adit levels can be driven, and the mines worked to a very considerable extent, without the aid of steam power, thereby enabling the company to further test and develope the property at a very moderate expense.

The value of the property for mining purposes has been ascertained by operations carried on for some months, which have proved the existence of five large well characterised mineral iodes of lead, copper, &c., and a bed of oxide of iron. The promoters have had the property examined and reported upon by competent judges, and they append some of the reports.

It may be added that, in addition to the presence of lead, copper, &c., the geological formation of the property is ilmestone, offering an opportunity for obtaining stone for fluxing purposes, and for converting late lime.

In the allotment of shares preference will be given to those applicants who desire to pay up in full on allotment.

In on allotment be made, the deposit will be returned in full at an early date, without deduction.

Application, for shares may he made, in the form accompanies the

Mithout deduction.

Application for shares may be made in the form accompanying the prospectus, addressed to the Solicitor or Secretary.

Shrewsbury, August 21, 1871.

#### REPORTS.

Shrewsbury, August 21, 1871.

REPORTS.

Aug. 5.—At your request I have carefully inspected the above mine, and beg to hand you my report thereon. The property is situated near Oswestry, in the county of Salop, and comprises a good tract of ground; its geological formation is limestone, through which five known large and well-defined lodes traverse, but hitherto operations have been confined principally to two lodes—namely, the south or Ranters lode, and the north and south lode. On Ranters lode, which is bearing near cast and west, several pits have been sunk to a depth from 3 to 16 yards, and small divages made for over 100 yards in length, and for the whole distance I find the lode to contain good stones of lead ore, where good piles are now lying at surface, which have been broken in the several pits and I firmly believe, depth is the only thing required to prove this remunerative. This will form a junction with the other lodes passing through the sett. There is also a north and south lode, discovered by sinking a shaft which is 25 yards deep, where large stones of copper and carbonites have been broken. In addition to these lodes there is a bed of oxide of iron running through the sett, which is 4 feet thick, and from 15 to 20 yards wide, which can be sent from the mine at a good profit, being close at surface and in proximity to the railway station, and the total expenditure to send it into the market would be very will form a junction, which I look at asa very favourable feature, and the limestone can be saved for burning and other purposes.

In conclusion, allow me to say, I consider you have a property of no small value, and where a vast amount of work can be done without the aid of steam-power, and looking at the several favourable features which the property presents, and outlay likely to bring it into a profitable position.

JAMES NANCARROW.

August 6, 1871—This sett is situated near Oswestry, in the county of Salop,

August 6, 1871 - This sett is situated near Oswestry, in the county of Salop August 6, 18:1 — This sett is situated near Oswestry, in the county of Salop, and comprises a large extent of ground. There are several well-defined mineral lodes opened out, and lead and copper ores broken in all. I may note two east and west lodes run nearly parallel in the one on which pits are sunk; the lode is 4 ft. wide, producing ½ ton of lead ore per fathom, at only 5 fms. In depth, which has a northern underlie, and the other on Ranters lode having a southern underlie; I believe in going to a depth of 20 fms. or so you will meet with the junction and a body of lead ore. An adit level can be driven on the course of the lode, which will prove beneficial for the mine and erection of dressing-floors, &c. On the north side of the sett there is a shaft sunk on a north and south lode, which is producing copper mixed with gossan; I should also recommend that an adit level be also driven at this point on the course of the lode; by so doing you will meet with a junction which no domb; will produce a large body of copper ore, as every indication plainly shows. There is also in another part of this set a large body of sciop within a distance of one mile of the railway station, and materials can be procured at a reasonable rate. In conclusion, feel confident in going to a depth of 80 to 100 yards in this mineral ground you will find a large body of lead and copper ores.

#### THE GREAT EAST FOXDALE SILVER-LEAD MINING COMPANY

(LIMITED), ISLE OF MAN. Capital £20,000, in 20,000 shares of £1 each.

Deposit, 5s. per share on application, and 5s. per share on allotment; the remainder in instalments of 2s. 6d. each, at intervals of not less than two months.

#### ABRIDGED PROSPECTUS.

ABRIDGED PROSPECTUS.

The existence of, together with the large quantity of high-priced silver-lead now raised in the isle of Man, particularly in the Foxdale Mining District, cannot fall to direct the attention of all who are interested in lead mining to these localities, in which there exist such fair and reasonable chances of large returns for a spirited and judicious outlay of capital.

With a view to the advantages alluded to, the present company has been formed for the purpose of working the rich and valuable mine situated in the Isle of Man, and known as the Tyuwald Mine, in the Bishop's Barony, parish of Marown, east of and adjoining the Foxdale Mine, together with the adjoining property, a grant of which has been obtained from the Crown.

The extent of the united setts will be about two miles on the course of the splendid cast and west lode from which the celebrated Foxdale Mine has returned enormous quantities of rich silver-lead, from the sale of which the shareholders have received upwards of £200,000 in dividends, and the mine still continues as productive as ever.

splendid cast and west lood from which the electrated Foxdale Mine has returned conromos quantities of rich silver-lead, from the sale of which the share holders have received upwards of £200,000 in dividends, and the mine still continues as productive as ever.

On the Tynwald portion of the mine there has been already a large amount of money spent in driving an adit level about \$0 fathoms in length, and in sluking the engine-shaft about \$0 fathoms, from which sluking there has been obtained about 200 tons of load ore, leaving a nice course of ore in the bottom of the shaft when last seen.

There are also erected on the works a good engine-house, offices, &c., which will save the company a great outlay and loss of time, and when the necessary machinery is erected the mine will at once be ready for native operations (npon the already discovered lode), which will be carried on in a vigorous manner, under judicious and economical management, when there is no doubt that large and profitable returns will be realised.

Independently of the advantages alluded to there has been discovered east of the Tynwald shaft, and immediately adjoining the new grant of ground, a splendid course of ore a few feet from surface, and opened on for about \$0 yards by three cuttings from surface, the deepest not more than \$1 feet, in which a splendid lode, with a fine course of roll ore from \$1 to 10 inches wide, may be seen, and from which solid pieces of lead, each over \$6 ibs. in weight, were taken. This admits of no question, as it is now open to inspection.

The directors, in calling attention to the annexed extracts from reports, beg to say that they have little to add to the statement of facts put forward by men of well-known ability and thorough practical knowledge of mining, both in Wales and in the setts, but they have actually been cut rich in lead at surface, as stated in the reports; and as the mines are in a district so well known for its mineral wealth, the directors can with every confidence recommend the Greac, as stated

#### EXTRACTS FROM REPORTS.

From Capt. John Lloyd, of the Hendre Mines, &c., Flintshire.

From Capt. JOHN LLOYD, of the Hendre Mines, &c., Flintshire.
To the east of the engine-shaft, some 30 fathoms or thereabouts, three small shallow cuttings, some 30 yards apart, are sunk to the depth of 6 or 7 feet upon the crop of the south lode, and in each of these cuttings a handsome course of ore is now to be seen, from which I cut about a hundredweight of solid silver lead, as per sample sent to your office. If this course of ore should continue downwards, and there is every indication to warrant it doing so, and should also improve in value, it being a strong masterly lode, with every component matrix, such as exide of iron, sulphuret of zinc, carbonate of line and lead, which are always the natural gauge of the chief bearing veins of the Silurian rocks of all districts, I see nothing to prevent your having a profitable mine in a very short time in this part alone of your valuable property.

From Capt. MATTHEW GROSE, Manager of the Ballacorkish Silver-lead and Copper Mining Company (Limited).

The state and promise of these mines have been very materially altered for the better by the recent discovery of a lode of very great promise, which is now to be seen at the arrace, and has been opeled out for a distance of 40 yards in length, and I must say that I have not seen anything that pleased me so much for several years past. From the knowledge I have of the district, and from information I have gathered together, I am of opinion that there is another lode close by the one that has just been opened out, and which can be easily

LLYNCLYS LEAD AND COPPER MINING COMPANY proved by cross-cuttings from below. I have only to reiterate my form nion, that my firm conviction is that you have a most valuable property.

From Capt. JOHN KITTO, late Manager of the Great Laxey Mine.

From Capt. JOHN KITTO, late Manager of the Great Laxey Mine.
This property is very favourably situated, being in close proximity to the main road leading from Douglas to Peel, and its position offers facilities for the transit of materials, ores, &c., such as are seldom met with in the island. Its geological position is also of the most favourable character, being a continuation of the Foxdale run of mineral ground, and not far from the granter range, which is founded a very desirable object; and the lode on which the principal operations have hitherto been conducted is believed to be identical with one of the main producing lodes in the Foxdale Mine, known as "Beckwith's vein," which in that mine has yielded enormous quantities of lead ore, and has returned in mense profits to the shareholders.

From Capt. BAWDEN, late Manager of the Isle of Man or Foxdale Mining Company.

Taken in a mining point of view, with the knowledge that the Foxdale ven passes through it, I would venture to state that there is not a more favourable district for mining speculation in the isle of Man. I find by the surface trial recently made that some splendid specimens of lead ore have been met with on the back of the south of Foxdale vein (about 35 fathoms east of the engineshaft), which, if it continues in depth, must very materially enhance the value of the property.

#### NEW HINGSTON MINING COMPANY (LIMITED),

STOKECLIMSLAND, CORNWALL.

In 12,800 shares of £t each. Upon application, 5s, per share; upon allotment, 10s.; and 5s. in March, 1872, if required.

The allotment of these shares will be made in a few days. Few mines hold out such promise of early and great success. Samples taken from the lode this week can be seen at the temporary offices of the company, some of which have been assayed by Prof. White, of Finsbury-place, London, and produced 31 per cent. of white tin.

cent. of white tin.

The deeds of the property are in the hands of the company, and enquiries on the part of investors are only needed to ensure a speedy issue of the remaining shares, which must soon be at a large premium.

Prospectuses, reports, &c. can be had on application to Mr. GEORGE MADGE, 3, Crown-chambers, Threadneedie-street, London, E.C.

#### CARMARTHEN SILVER-LEAD MINING COMPANY (LIMITED).

Capital £25,000, in 5000 Shares of £5 each.

Capital £25,000, in 5000 Shares of £5 each.

Deposit £1 per share on application, and £2 on allotment, and the remainder as required.

In the event of no allotment being made, all preliminary expenses will be paid by the vendor, and the £1 paid on application returned without deduction.

DIRECTORS.

SIR EDWIN PEARSON, F. R.S., Wimbledon, Surrey, Director of the Scottish Australian Investment Company (Limited).

ALEXANDER B. BROWN, Esq., F.G.S., Director of the Vron United Silver-Lead Mining Company (Limited).

T. A. MASEY, Esq., F.G.S., Director of the Old Treburg att Silver and Lead Mining Company (Limited).

JAMES DAVIS, Esq., Harley-road, Brompton, Director of the New Rosario Silver Mining Company (Limited).

BANKERS.

BANKERS.

BANBURY, NIX, and MATHIES )N, 77, Lombard-street, London.

Messrs. SHEPPARD and RILEY, 38A, Moorgate-street, London.

EDWARD ERNEST GARDNER, Esq., Stock Exchange, London, RUTHVEN C. TODD, Esq., Stock Exchange, Glasgow, THOMAS MORRIS, Esq., Stock Exchange, Liverpool. Messrs, JENKINSON and SON, Stock Exchange, Manchester.

SECRETARY,—JAMES W. THOMAS, Esq.

OFFICES, -1, CIRCUS PLACE, FINSBURY-CIRCUS, LONDON, E.C.

#### ABRIDGED PROSPECTUS.

ABRIDGED PROSPECTUS.

This company is formed to acquire the leases and work the valuable silver-lead mines situate at Trelech, in the country of Carmartaen.

Former proprietors, with capital of less than £1000, raised from one of the lodes nearly 800 tons of lead ore, which produced upwards of £10,000; the stopes at the bottom of the 54 fathom level yielded 2½ tons per fathom.

The reports show that there are several veins or lodes running parallel with each other—five distinct lodes having been intersected by the deep adit level within an area of 65 fathoms.

The late Mr. Evan Hopkins, in his report, says:—"The formation embraces one of the best metalliferous ranges in the Principality;"
Capt. Waters, who lately reported as to the richness of the Van Mine, says of this sett:—"The average yield for 20 fathoms long, between the 42 and 54 fm, levels, has been 2 tons per fathom, four men getting therefrom 18 tons monthly during the past year. The rock is of a splendid character, and warrants a continuation of the ore downwards."

Capt. Sanders confirms, in every respect, the opinions of Capt. Waters, and states—"Herey you have all the elements of an extensive and profitable mine."

Capt. Pauli says—"I am able to speak with great positiveness as to the future workings. I have seen nothing amongst any of the Cardiganshire mines I have inspected presenting more of the bona fides of safe mining than Carmarthen Mine."

The leases are at one-twentieth royalty.

Mine."
The leases are at one-twentieth royalty.
Prospectuses and forms of application for shares may be obtained at the bankers, brokers, solicitors, and offices of the company.

#### THE TAVISTOCK FOUNDRY, IRON WORKS. AND HAMMER MILLS, ESTABLISHED MORE THAN HALF A CENTURY,

have been purchased by

NICHOLLS, MATHEWS, AND CO., Who are in a position to MANUFACTURE ALL KINDS of ENGINEERING and FOUNDRY WORK, SHOVELS, and MINING TOOLS of every description; and have had a large experience in preparing MACHINERY FOR FOREIGN MINES, As well as selecting mechanics to creet the same.

N., M., AND Co. have always a STOCK of SECOND HAND MATERIALS.

BARKER'S IMPROVED PATENT FUEL

# (FROM COAL DUST).

PROTECTED BY ROYAL LETTERS PATENT.

This FUEL, made from dust coal, GIVES IN USE RESULTS SUPERIOR TO THE BEST COAL. It is thoroughly waterproof, stacks without liability to spontaneous combustion, loss, or deterioration on board ship, or in any climate, and in 30 per cont. less space than coal.

It burns with little smoke, forming itself into coke; it is very durable, the combustion is perfect, and it will not fall or disintegrate in great heat before a blast or strong draught, nor does it produce clinker.

It will bear rough usage and handling, without breakage.

As regards the manufacture, it is easily and cheaply made; the machinery required is simple, effective, and comparatively inexpensive. No heavy pressure is required, or exposure to heat, after moulding to dry or coke (as is usual), and after mixing the blocks could, if desired, be made up by hand labour; but for large production self-acting machinery is recommended, and when moulded the fuel is at once ready for use or transit.

The PROPRIETORS of the PATENTS are prepared to GRANT LICENSES, and would, if desired, UNDERTAKE CONTRACTS to PROVIDE MACHINERY, RREUT WORKS, and put the same into satisfactory operation, on any required scale of manufacture.

Applications to be addressed to either of the undermentioned.

Applications to be addressed to either of the undermentioned :-MR. DAVID BARKER.

OLDBURY HOUSE, NORTHFLEET, KENT. MR, THOS. D. CLARE,

13, ST. MARY'S ROW, BIRMINGHAM. MESSES, VAUGHAN AND SON, PATENT AGENTS,

54, CHANCERY LANE, LONDON, E.C.

TRADES' UNIONS.—The Rights of Labour and Capital—Strikes—Lockouts—Arbitration—Apprentices—Piece Work—Short Time
—Foreign Competition—Co-operative Partnerships—Factory Legislation, & Series of Important Articles by the Secretary of the Labour Representation
League, giving the real views of the Working Men on these subjects, will be
commenced in the MECHANICS' MAGAZINE of SATURDAY, September 3th,
and continued from week to week.

H IBBERT'S NEW THEORY and PRACTICE of MEDICINE, in Two Vols., Vol. I. being a treatise on the Nature, Cause, Cure, and Prevention of Disease in Human Beings; Vol. II. on Animals. In paper cover, bound in cloth, gold lettered, 2s. each.
Published and sold by John Heywood, Manchester; and SIMPKIN, MARHALL, and Co., London.

HIBBERT'S PATENT ANTISEPTIC, for stamping out Small Pox, Cholera, Fever, and all Fermentive Inflammatory Diseases. May be obtained through any Chemist, in bottles, price is. 1½d., and upwards. W. Hibbert, Cheetham, Manchester.

THE NEWCASTLE CHRONICLE AND NORTHEEN COUNTIES ADVERTISER. (ESTABLISHED 1764.)
THE DAILY CHRONICLE AND NORTHERN COUNTIES ADVERTISES,
Offices, 42, Grey-street, Newsatle-upon-Tyne; 50, Howard-street, North
Shields; 195, High-street, Sunderland.

Henry Rob The increa tons smelting tons smelting tons smelting to the whole, offit. This core being a pulated that all tons a discontinuous control tons and Co., Swar mill. The lar property, and desion that m

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### THE KANSAS MINING COMPANY (LIMITED).

orporated under the Companies Acts, 1862 and 1867. Capital £55,000, in 11,000 Shares of £5 each. First issue of 10,000 shares.
Deposit £2 10s. on application, and £2 10s. on allotment.

Deposit 22 10s, on appineation, and 22 10s, on anotherit.

DIRECTORS.

C. J. FURLONGER, Esq., 31, Throgmorton-street, E.C.
WM. GUNDRY, Esq., 75, Old Broad street, E.C.
JOHN HES ELTINE, Esq., 9, Warnford-court, E.C,
ROBT. F. HOLDERNESS, Esq., 5, Warnford-court, E.C,
H. W. LINDOW, Esq., 11, Cromwell-road, South Konsington, W.
W. G. MARGETTS, Esq., 7, Warnford-court, E.C.
W. N. RUDGE, Esq., 9, St. James's-street, S.W.

THOS. DONNITHORNI, Esq., 30, Gracechurch-street, E.C. BANKERS-THE ALLIANCE BANK (LIMITED). SECRETARY-H. WILSON.

TEMPORARY OFFICES, -3, NEWMAN'S COURT, CORNHILL, E.C.

TEMPORARI GEFROES,—6, RAWMAN'S COURT, CORNHILL, E.C.

This company is formed for the purpose of purchasing and working a mining property situated in the Nevada mining district, in the county of Gilpin, territary of Colorado, and comprising a plot of land 400 feet in length upon the Kansas lode, together with the plant, buildings, machinery, and effects in, upon, Kansas lode, together with the plant, buildings, machinery, and effects in, upon, tends in the call property situate, lying, and being in the county of Gilpin, territory of Colorado, and known as mining claims Nos. 6, 7, 8, and 9, east from the Discovery claim (Jones and Matteson's discovery), on the Kansas lode, situate is Nevada mining district, and all and singular the rights and privileges of the endors in and upon the said lodes and plots of land.

e following is the report of HENRY ROBINSON, Esq., M.M. Inst. C.E., F.R.G.S. the firm of Messrs. Shelford and Robinson, 7, Westminster chambers, Vic

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HERN TISER.

The following is the report of HENRY ROBINSON, Esq., M.M. Inst. C.E., F.R.G.S., of the firm of Messrs. Shelford and Robinson, 7, Westminster-chambers, Victoria-street, London:

The property is situated at Nevada, close to Central City, Colorado, which is vitible 4½ days' railway travel of New York. The exact extent of the property is shown on the accompanying plan, prepared and certified by Mr. Hal Sayr, the forement Mineral Surveyor of Colorado District. It consists of 400 feet on the Kansas gold vein, which is one of the most important veins in this the chief entre of Colorado gold mining. The title has been examined and approved by the Honorable Hugh Butler, of Central City.

The vein on this property has a bearing N. 67° 30′ east, and a dip to the sonth. It is true fissure vein, rich in gold and silver, in combination chiefly with resemble the support of the property bears shaft 127 feet and 94 feet from each other, which are very favourably three shaft 127 feet and 94 feet from each other, which are very favourably three shaft 127 feet and 94 feet from each other, which are very avourably insected for the present and future working of the mine. The main shaft is lefely fat at 84 feet from the surface. It is driven 75 feet to the west, and 40 feet to the east. In the west drift the vein is 7 feet wide, increasing to 9 feet at the shaft to 12 feet and 15 feet from the shaft, and continuing this great width the shaft to 12 feet and 15 feet from the shaft, and containing this great width the shaft to 12 feet and 15 feet from the surface, is the second of Hardesty) shaft. At the depth of 110 feet from the surface is the second for Hardesty) shaft. At the depth of 110 feet from the surface is the second for Hardesty shaft, 4 feet by 10 feet from the surface is the second for the vein in from the vein in from the vein is 7 feet wide, and the stiff the property of the ore ground between this and the 85 ft. level below, when a further improvement may be auticipated. At 9 feet east of the main shaft is the Hardesty

In order to verify the reports and statements respecting the richness of this rish, portions were collected from the following points. They were laken over the whole width of the vein, and may be considered as giving a lair average, the assays were made by Mr. Barlinghame, the territorial assayer, and are appeaded to this r port:—

No. 1. From stope at 50 feet in west drift, 81 feet level—

Sol. 1. From vien at stope 40 feet east of main shaft, 84 feet level—

Sol. 2. From vien at stope 40 feet east of main shaft, 84 feet level—

Sol. 3. From vien at stope 40 feet east of main shaft, 84 feet level—

Sol. 3. From vien at stope 40 feet east of main shaft—

Sol. 3. From 10 feet level close to main shaft—

Sol. 3. From 10 feet level close to main shaft—

Sol. 4. From richer portion of the vein which has to be reduced by smelting—

Sol. 4. From richer portion of the vein which has to be reduced by smelting—

Sol. 5. From 15 feet level at Hardesiy shaft—

Sol. 6. From 55 feet level at Hardesiy shaft—

Sol. 7. From bottom of unain shaft, 40 oversponding shaftow depth.

No. 6. From bottom of unain shaft, 40 oversponding shaftow depth.

No. 6. From bottom of unain shaft, 40 oversponding shaftow depth.

No. 6. From bottom of unain shaft, 40 oversponding shaftow depth.

No. 6. From bottom of unain shaft, 40 oversponding shaftow depth.

No. 6. From bottom of unain shaft, 40 oversponding shaftow depth.

No. 6. From bottom of unain shaft, 40 oversponding shaftow depth.

This is a very high regreater depths, and leads to the conclusion that below any of the present depths it will give better returns than it does even now.

The following stit will give better returns than it does even now.

The following stit will enable an opinion to be formed of the probable regilized forwhite will enable an opinion to be formed of the probable regilized forwhite shafts, is estimated at 420 fms., which is equivalent to the sent levels and shafts, is estimated at 420 fms., which is equivalent to the sent levels and shafts, is estimated at 420

APPENDIX to Mesers. SHELFORD and ROBINSON'S Report of August 18, 1871. Since the report was written the following returns have been received, giving samount of ore which was smelted by the Boston and Colorado Smelting Company (Professor Hill's work-) for June, also the amount of gold obtained from smill-owners, the two together giving the total profits of the mine for that out.

mont.	1:-																	
We	ight.	Ass	ay	1-1	7le	ld p	er	ton. Pi	rice	pale	per	Tota	l a	mour	it pa	ld	for	
Tone	Lbi		G	old		811	ve	r. to	n to	mi	ners,	ore	to	mine	ers, 1	beir	ıg	
AVIN	is Latte	5o	0	zs.		O	Z8.	bei	ng n	et 1	profit.			et pr				
26	200	*****	3	56		5	8		843		*****	\$1122	30	£	222	9	3	
15	623						7								125	10	11	
4	1569	*****	3	5		11	0		54	30		258	73		51	15	0	
19	-	*****	3	80		5	9		48			912	00		182	8	0	
17	400	*****	3	88		5	6		49		*****	842	80		168	11	2	
- 8	15			_		-	-		45			225	39		45	1	2	
7	1880		2	90		5	0		28			222	32		41	9	4	
0	1880	*****	2	62		4	8		22			130	68		26	2	9	
23	1450		3	40		5	1		40			1189	00		239	16	0	
24	190		3	64		7	0		43	50		795	15		159	0	8	
0	1933		3	9/8		6	8		52			361	92		72	7	8	
11	1143		2	95		4	9		47			543	79		108	1.5	9	

Bithe total net profit re-eived from sinelters alone in June was \$7,201 or \$1,000 to 1814 to 1

ore on the basis of a gross yield of only 1 oz. to the ton, but from the foregoing returns we think it may safely be taken at 1½ oz. to the ton.

This will increase the value of the reserve ore ground now standing, and capable of heing removed by the present levels and shafts, to £50,000 gross (instead of £30,000, stated in the report), and the net value will be increased to £30,000 (instead of £20,000, stated in the report).

SHELFORD and ROBINSON, M.M. Inst. C.E., F.F.G.S.

Central City, Colo, July 31, 1871.—DEAR SIR: As I did not get any statements (official) from the smelting companies concerning ones from the Kausas Mine before you left, I now forward you some from the three smelting establishments located here. From them it will be seen that the lessees of 150 ft. of this mine sold to smelters (say) 166½ tons of ore during the mouth of June, at \$43.50 average, they paying for the same not more than 50 per cent. of it currency value per ton.

For the same month there was returned to our office by millowners 830 ozs. gold, the product of 103 cords mill ore from this mine.

The gold was purchased by our firm, and brought \$15,140 or 7,231 69

Total \$22.871 69

# Registration of New Companies.

The following joint-stock companies have been registered:-

SOUTH AFRICAN SILVER AND COPPER MINING COMPANY (Limited) —As the title of this company plainly indicates, the objects which it is formed to carry out are mining and smelting in South Africa. The nominal capital is 50,000*l.*, in 2*l.* shares, and the subscribers to the Memorandum of Association are—Charles Rule, 10, Clement's-lane, Loudon, E.C: T. Cattell, 188, Strand; J. S. Hineks, 35, Gracechurch-street; C. J. Wollaston, Chiselhurst; John Lean, 11, Cologue-road, New Wandsworth; Joseph Hodge, 32, New Broad-street; and Henry Yeates, 85, Gracechurch-street, These each agree to take up one share in the company's capital.

REINSHAW SILVER MINING COMPANY (Limited).—This company is registered for the purpose of buying off and working a mining property situate at Idaho, Clear Creek County, Colorado, known as the "Seaton Lode." The capital is 60,000%, in 15,000 shares of 4% each. The promoters are—George Lathom Browne, Gresham House; L. T. Wingfall, 12, Wyndham-place, Bryanston-square; J. J. Bennett, 50, Graccelurch-street; J. M. Smith, 4, New Broad-street; J. T. Donovan, 1, Loar-street, Southwark; Auguste Sampson, 40, Grove-road, St. John's Wood; and Richard Guy, Hammersmith, each of whom take up one share. REINSHAW SILVER MINING COMPANY (Limited).—This company of whom take up one share.

FELLING COAL, IRON, AND CHEMICAL COMPANY (Limited).— Capital 200,000l., in 2000 shates of 100l. each. This company is formed to acquire by purchase the chemical works and stock-in-trade formed to acquire by purchase the chemical works and stock-in-trade of Frazer, Roberts, and Co. (Limited), and intends to carry on trading operations of a strangely diversified character. The businesses of dealers and manufacturers of iron, of chemical manufacturers, and of coal owners may seem to form a curious combination when rolled into one, but all these this company proposes to undertake. The subscribers are George Elliot, Houghton House, Durham, 199 shares; Henry Coxon, Newcastle, 20; William Hunter, Newcastle, 20; S. B. Coxon, Durham, 20; John Johnasson, 5, Gloucester-sq., Hyde-park, 20; Daniel Mann, Thistle Cottage, Scaham, 30; Wm. Dalglish, Chester, 10. Hyde-park, 20; Danie Dalglish, Chester, 10.

NEW ATLANTA SILVER MINING COMPANY (Limited).-This is a NEW ATLANTA SILVER MINING COMPANY (Limited).—This is a mining company established (with a nominal capital of 250,000/., in 50,000 shares of 5/4, each) to purchase certain property belonging to the Monarch Gold and Silver Mining Company, which property is situate in the Middle Boise mining district, in the county of Alturas, Idaho. The subscribers to the Memorandum of Association are some 40 in number. The directors are Charles J. Furlonger, Esq., 31, Throgmorton-street; William Gundry, Esq., 75, Old Broad-street; H. W. Lindow, Army and Navy Club; W. G. Margetts, 7, Warnfordcourt; W. N. Rudge, 9, St. James's-street,

BIRMINGHAM AND MIDLAND COUNTES VALUE TRAVERS PAVING

court; W. N. Rudge, 9, St. James's-street.

BIRMINGHAM AND MIDLAND COUNTIES VAL DE TRAVERS PAVING COMPANY (Limited).—Nominal capital 80,000l., in 16,000 shares of 5l. each. Under an agreement entered into between Mr. John Slagg, of Manchester, and the Val de Travers Asphalte Paving Company (Limited), this company is formed to carry on operations in asphalte paving in Warwickshire, Shropshire, Northamptonshire, Nottinghamshire, and Derbyshire. The promoters of this concern are—Messrs. John Cartland, King's-heath, Worcestershire; Frederick Everitt, Mayfield, Edgbaston; H. R. Moseley, The Common, Worcester; W. W. Riddill, Graveley Hall, Birmingham; W. H. Dixon, The Beeches, Edgbaston; J. H. Nettlefold, 14, Broad-street, Birmingham; Samuel Thornton, Oldfield.

MERCANTILE FINANCIAL ASSOCIATION (Limited).—Capital

mingham; Samuel Thornton, Oldfield.

MERCANTILE FINANCIAL ASSOCIATION (Limited). — Capital 100,000*l.*, in 20,000 shares of 5*l.* each. This company is formed to promote, foster, and aid the establishment and working of financial, commercial, and industrial undertakings. The promoters are—Jas. Johnson, Hindley-green, Lancashire; H-nry Chalon, Loughboroughroad North, Brixton; G. H. Cardozo, 15, Broad-street; John Burbidge, 8, Clifton-road, St. John's Wood; A. W. Maberly, 1, Brunswick-road, Gloucester; Nathaniel Plants, 17, Exeter Hall; J. R. Ross, 27, Gresham-street. These gentlemen evince their interest in the company's success by taking up 20 shares each, with the exception of Mr. Burbidge, who takes up 40 shares.

CANADIAN OLLWORKS CORPORATION (Limited).—Although only

tion of Mr. Burbidge, who takes up 40 shares.

CANADIAN OILWORKS CORPORATION (Limited).—Although only just registered, this company was, we believe, formed some years ago, for the purpose of working oil wells in the district of Ontario, in Canada. The company's estates comprise some 1118 acres of oil land, in the county of Lambton, Ontario, and embraces frontages in the townships of Plympton, Dawn, Enniskillen, and Petrolia, the whole of which district is well known as largely productive of mineral oils. The directors of the company have lately authorised the issue of 1600 first mortgage debenture bonds of 1001, each, bearing 12 per cent. interest, payable half-yearly at the London and County Bank. The share capital of the company is 340,0001, in 13,600 shares of 251, each, and the allottees of fully paid-up bonds have the right to an apportionment of one share for each bond on payment down of the 251. The subscribers to the Memorandum of Association are—Sir J. C. Dalrymple Hay, Bart., M.P., 108, St. George's-square, 40 shares; Sir Seymour J. Blane, Bart., C.B., 18, Victoria-square, 40 shares; E. M. Eastwick, M.P., 38, Thurlow-square, 40 shares; Eaton Edevain, 3, Pall Mall, 100 shares; John Hicks, 25, Abingdon Villas, Kensington, 10 shares; C. W. D. Sturgeon, 11, King's-bench-walk, Temple, 15 shares; T. J. Tait, Lavender-road, Dalston, 10 shares.

#### PRICES OF MATERIALS.

Description.	Ap	110		M	av.		Jun	0	
Hoop fronper cw	L. las	. 00	1	198	. Ut	1	-		
Nails, 3 inch patent	-			23	0		-		
Steel-point shovels per cv	vt. 48	0	*****	48	0	*****	_		
Leatherper	lb		*****						
Norway timberper io.	ad 37	6		37	6		37	6	
Red pine dittoper fo	ot 1	2		1	2		_		
Coals M. Cper to		3		12	0		11	9	
Best registered candles* per de	nz. 5	6		D.	3		5	3	
Grease*per cv	vt			13	0		-		
Powder*per 100 ll		0		42	0		-		
Safety fuse*per c		4		0	4		0	4	

LONDON GENERAL OMNIBUS COMPANY .- The traffic receipts for ek ending September 3 were 10,7481, 0s. 10d.

REFINING CAST-IRON .- The invention of Mr. J. HENDERSON, of Bednet 38 (32s.) per ton on 780 tons

Net profit for June

Net profit for June

3226
The tyrofit of \$37,503 per annum.

3326
The average yield from the smelting-works being over 3½ ozs. of gold to the sund the average yield from the mill being as high as 1½ oz. to the ton, and the average yield from the mill being as high as 1½ oz. to the ton, as the average yield from the mill being as high as 1½ oz. to the ton, as the property of the proper

# Meetings of Public Companies.

#### TERRAS TIN MINING COMPANY.

The second annual general meeting of shareholders was held at the City Terminus Hotel, on Tuesday,—Mr. JAMES PEARCE in the chair... The SECRETARY read the notice convening the meeting. The report of the agent was read, as follows:—

The Second annual general meeting of shareholders was held at the City Terminus Hotel, on Tuesday,—Mr. JAMES PEARCE in the chair.—The SECRETARY read the notice convening the meeting.

The report of the agent was read, as follows:—

Sopt. 1.— Beg to hand you my report for the seconal meeting, to be held on the ski instant, showing the amount of work done, together with the progress made, and the general propects of the mine. Upwards of 160 fms. of levels made and the general propects of the mine. Upwards of 160 fms. of levels for the purpose of putting the stuff to the stamps, and all the new you have a support of the purpose of putting the stuff to the stamps, and all the reconstruction of the purpose of putting the stuff to the stamps, and all the reconstruction of the purpose of the stamp and all the necessary builtings for the same well put with stantially done, and a variety of other work incidental to the laying out of the mine on an extensive scale. The third was the stantially done, and a variety of other work incidental to the laying out of the mine on an extensive scale. The third was the stantially done, and a variety of other work incidental to the laying out of the mine on an extensive scale. The third was the scale of th The report of the directors was read, as follows :-

The report of the directors was read, as follows:

In presenting the accompanying balance-sheet of the first year's operations the directors do so with the full assurance that it will meet with the approbation of the members of the company, as they consider it presents a very gratifying state of things when it is borne in mind the short time the mine have been at work. Although the net disposable balance is not so large as your directors could have wished, yet, when it is considered the wast amount of work that has been executed in opening up and developing the mine, your directors are convinced that the mine will compare most favourably with any other mine in the county of Cornwall. It has been at work about a year only, and in that time your directors can with the utmost confidence say that there is no mine in the curval in which such an amount of work has been done in the same time as at Terras. Your directors are pleased to inform the members that the result of the workings has proved to demonstration that the sett contains a vast amount of ting ground, which they feel sangulne will return handsome profits for many years to come. The directors desire to mention that the present sett is much more extensive than the one which was in existence at the time of incorporation of the company, and they have obtained a conce-sion from the inadioral of more favourable terms as to dues, &c. The mine has been recently inspected, at the instigation of independent shareholders, by Capt. Hosking, of Carn Brea, by Capt. Pope, of Redruth, and Capt. Hampton, of Bodmin, all excellent thances, whose reports have been kindly placed in the hands of your directors for their use, and it is with the utmost pleasure that your directors refer the members to these reports, as they give independent testimony of the great value and present and future prospects of your mine. Your directors do not recommend the division of the present disposable balance, but that the same be kept in hand. They entertain the strongest conviction that by the

of the inne at the many points of its workings.

The CHAIRMAN moved that the report and balance-sheet be received and adopted.—Mr. BANBURY seconded the proposition. There could not be a divided opinion as to the satisfactory and encouraging character of the report submitted, nor as to the business-like way in which every detail was carried out. It was evident that all they had now to do was to increase their stamping power to make the release a good paying one.

the mine a good paying one.

Dr. TAYLOR said that for his own personal satisfaction he had visited the mine, including the underground operations. From the information he bad gained he had no hesitation in saying he confirmed the opinion that they possessed a valuable property. They had not to seek for tin; it was there in any proportion they liked to carry away—It was marvellous to those who looked at it. He was very much pleased with the report just read, because 5 confirmed what he saw himself. He was also very much satisfied with the expin any proportion they liked to carry away—it was marvellous to those who looked at it. He was very much pleased with the report just read, because to confirmed what he saw himself. He was also very much satisfied with the exptain, and also the manner in which the operations were being carried out. Rack shareholder had reason to be satisfied, and also to be very hopeful that in a short time they would be in receipt not only of fair but large dividends. He (Dr. Taylor) was not satisfied with his own observations alone, but availed binkelf of the opinion of a well known and experienced agent, Capt. Pope, who inspects the mine, not (\*e) it understood) at the instance of the directors, but for a private individual, and had no leaning whatever in favour of the proporty. In his report Capt. Pope says that there are large quantities of the, and that the returning charges will be very moderate. It presents a very promising appearance, and being traversed by so many lodes and cross-courses the time is not far distant when a profitable and lasting mine will be found. Before he (Taylor) received that report he was a large holder, but he had since increased his interest. As he had alrivady said, he was very much satisfied with the way lind which Capt. Rickard was carrying on the operations, and everying was being done that could, be to promote the interest of the company. The suarcholders were much indebted to the executive for their intelligence and uniting care tions on the company's behalf.

Mr. Buiggs add he had had something like 20 years' experience of Carcain Pope, and could fully corroborate the high opinion which Dr. Taylor and of him. He (Mr. Briggs) wanted no further evidence to show that they possessed a large and valuable property.

Capt. Rickardo explained at some length the different points of operation referred to in his report. The present stamping power was 48 heads, but 16 additional heads were in course of construction, and would be completed in about

months. They calculated upon reducing 1 ton of stuff per head per day, ing in proportion with its hardness. BRIGGS asked the distance on the course of the new lode from the engine

warring in proportion with its hardness.

Mr. BRIGGS asked the distance on the course of the new lode from the enginethat? F. Capt. RickAnd said it was about 18? fms. The trial shaft has been
sunk about 6 fms. on the new lode, and in about three months the ground would
be fairly laid open. The mine never looked so well as itsild at the present time.
Their endeavour was to lay out the mine so as to keep constantly at work the
additional number of stamps when erected.

A report was read from Capt. Hosking, of Carn Brea, the result of an inspection unde for a private shareholder holding a large interest in the company.
The report was of a favourable character; a vigorous development of the mine
was recommended by which it was stated the returns and profits would be increased. A report was then read from Capt. Hampton, which, it was explained,
had been obtained at the instance of the directors, with the view of supporting
Capt. Rickard, the manager. Capt. Hampton referred to the new lode as a
great prize, and described the mine as a wonder, and having so ares and hundreds of fathoms of ground in length, success was not only certain, but near
at hand.

Mr. Brown and he had recourtly visited the mine and was rear much pleased.

is and.

fr. Brown said he had recently visited the mine, and was very much pleased hall he saw. It would surprise a stranger to see how much work had been se in such a short time. He the ught there was every reason to be satisfied. The motion adopting the report and balance-sheet was put and carried. It is not not not provided that Mr. Shewart, of Daihousle, be elected a director. Dr. lower was also added to the board.

It special vote of thanks was passed to Mr. Martien, the managing director, he continued attention to the company's interests, and allo to Mr. S. Pearce, secretary.

for his continued attention to the company's interests, and at a to that, the secretary.

Mr. Maurien said he feit gratified at having done his duty, and also that his efforts had met with the approval of the shareholders. When he took hold of this property it was with the strong conviction that its intrinsic value was hardly to be estimated. That conviction had been strengthened by the development of the mine. Many friends had united with them, and he felt proud in being associated with so many respectable shareholders. He would continue to do his duty, and if he should case to do so be would be perfectly willing to be told of it. He expected by December some tangible evidence of the value of the property would be given to the shareholders.

Mr. HOOKE asked if a dividend might be expected in December?—The CHAIRMAN replied in the affirmative.

A vote of thanks to the Chairman and directors concluded the proceedings.

#### HOBB'S HILL MINING COMPANY

At an ordinary general meeting of shareholders, held at the offices of the company, New Broad-street, London, on Friday (yesterday), the Chairman (Mr. C. Thomas) reported that the meeting was called in pursuance of the Act of Parliament requiring that the shareholders should be called together within four months from the date of registration of the company. No special business was proposed to be done; he rimply had to state that the objects for which the company was formed were being carried out with the energy that was considered advisable, and had resulted in the discovery of a mine that presented every appearance of becoming productive of large quantities of the office at the company was so far satisfactory that a balance of capital remains on the credit side of the books to the extent of 3002, which was not likely to be reduced, but for the purpose of purchasing and creeting machinery for the more extended operations. The returns of the now exceed the monthly expenditure, and it is confidently anticipated by the effectors, as well as the manager, that these returns, before the next general meeting, will be increased considerably. The Chairman congratulated the shareholders on the prospects of the undertaking. A vote of thanks to the Chairman terminated the proceedings. shareholders on the prospects of the undertaking. A vote of thanks to the Chairman terminated the proceedings.

#### NEW ROSARIO SILVER MINING COMPANY.

The first annual general meeting of shareholders was held at the offices, Finsbury-circus, on Wednesday,—Mr. Goodson in the chair. Mr. H. W. MATHIAS (the secretary) read the notice convening the

Mr. H. W. MATHIAS (the secretary) rend the notice convening the meeting.

The report of the directors states that Mr. Grose, in a letter dated July 6, urges the company to vigorously prosecute their operations, adding that the property is the best in the district, and that in consequence of the brilliant success of the Guatamezin (a neighbouring pilme), which has produced an immense local impulse for mining operations, companies have been formed to work Cinco, Senores, La Perla, Los Angelos, and La Difficultada is on the same lode as the San Pedro, to the south of the company's sett some 500 vares, and the other mines are on a parallel with the Encaracion iode. The directors are glad to state that they have recently acquired the Providentia sett, a mine consiguous to the New Rosario sett, upon favourable to ms. Mr. Potts, in his letter of July 8, says—"A more promising mine does not exist in Iteal del Monte." In addition to the preliminary works, it is intended to sink the San Francisco shaft 20 fathoms deeper, and to employ a number of hands to break ore from the Energy of the complete to yield a good profit at once. Eight samples of ore recently lake from the property, and brought over by a practical miner of repute, who visited the mines, and broke the samples binaself, have been assayed by Prof. White, and show romarkably satisfactory results. The directors cannot but think, after considering the reports, and carefully weighing the opinions expressed by those in the vicinity of the property, that with time satisfactory results are sure to be obtained.

The CHAIRMAN said this was the first annual meeting of the com-

The CHAIRMAN said this was the first annual meeting of the company, and the shareholders would have gathered from the report the present position and prospects of the company. Although the report now submitted could not be concluded with the satisfactory announcement of the declaration of a dividend, the directors hoped from the reports which they received from the other side that satisfactory results would soon be realised. The agent who had the conduct of the mine—Capt. Grose—had had very great experience, having been for many years practically connected with mines in the district. The other gentlemen interested in the company all gave the fullest assurance that the New Rossrio Mine was one that deserved the great-statiention. A gentleman during a visit to the country called at the company's mines and saw Capt. Grose; he took some specimens of ore, which upon their arrival in England were submitted for analysis, the result of which in justice to the shareholders, had been published in the report—a result which could not fall to be most satisfactory. Most mining companies required some two or three years' operations before beginning to pay dividends, but he hoped the New Rossrio would not be so long in attaining that desirable position, the information received from the mines giving reason to suppose that any day the gratifying intelligence may be received that New Rosario, like its neighbour, had prived a mine of very great richness. Each report received from the manager had been forwarded in extense to the shareholders, who were, therefore, as well able to judge of the value of the property as the directors. With those lew remarks, he would move that the report and balance-sheet be received and adopted.—Mr. J. Davis seconded the proposition, which was put and carried unanihously. CHAIRMAN said this was the first annual meeting of the com-

stopted,—Mr. J. DAVIS seconded the proposition, which was put and carried ununinously.

The CHARMAN said he had very great pleasure in proposing the re-election of Mr. Davis as director. Mr. Davis's considerable experience in mining matters had been of very great advantage to the company.—Mr. JONES, in seconding the proposition, testified to Mr. Davis's continuous attention to the company's interests having been most valuable.—The motion was put and carried unablimously.—Mr. F. W. Spooner was re elected anditor.

Mr. C. Morris called attention to the paragraph in the report which stated that Providencia was the most promising unexplored mine in Real del Monte. Mr. STREET reminded the shareholders that they had purchased only a portion of this mine, the Mexican proprietors reserving 14-24ths. The company had succeeded in acquiring 10-24ths for 2 of., which was really worth 5000f. taking into consideration the selling price of that portion which was held by the Mexican proprietors. This boing the opinion of persons residing upon the spot spoke well for the future of the mine. in proprietors. This being the optimal portion which was mind by the area in proprietors. This being the optimion of persons residing upon the spot spok of the future of the mine.  $\Delta$  vote of thanks to the Chairman and directors terminated the proceedings.

#### WATSON BROTHERS.

#### MINING AGENTS, STOCK AND SHARE DEALERS, &c. 1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

SATURDAY.—Carn Breas in good demand, and advanced to 135, buyers, cx div. Eberhart, Grenville, West Caradon, and Pacific shares firm, at quotations. East Lovell flatter. Carn Brea, 135 to 140; Eberhardt, 38 to 39; Grenville, 7½ to 7½; West Caradon, 458, to 558.; Pacific, 5½ to 5½; East Lovell, 12 to 12½; Utah, 14½ to 12½; East Van, 12½ to 13½; Tankerville, 17 to 17½; West Basset, 4% to 5½; East Van, 12½ to 13½; Tankerville, 17 to 17½; West Basset, 4% to 5½; East Van, 12½ to 13½; Pacific, 5½ to 6; Utah, 16 to 17; South Condurrow, and Eberhardt. Carn Brea, 137¼ to 142½; Pacific, 5½ to 6; Utah, 16 to 17; South Condurrow, 9½ to 9½; Eberhardt, 38 to 33; New Rosewarne, 50 to 60; New Lorell, 1½ to 2½; Great Vor, 9½ to 10; East Lovel, 11 to 13; Tankerville, 16½ to 17½; Wheal Lucy, 3½ to 3½; West Caradon, 2½ to 3.

TURSDAY.—Active demand for Carn Brea, West Frances, West Basset, Pacific, nd Utah. Carn Brea, 147½ to 152½; West Frances, 40 to 61; West Basset, 5 to 6½; East Lovell, 11 to 12; Porkins Beach, 13½ to 13½; South Condurrow, 9½ to 9½; Treleigh Wood, 37½ to 42½; Kity (St. Agnes), 9½ to 10; Grenville, 7 to 7½; West Tankerville, 3½ to 33½.

WEDNESDAY.—Market very quiet indeed, and prices in most casts nominal. Caro Brea, 140 to 150; Rast Lovell, 11 to 12; Roman Gravels, 13 to 19; Great Vor, 9½ to 10½; Pont ericy, 3½ to 4½.

THURSDAY.—Market again very quiet. East Lovell, Eberhardt, 36 to 37; West Frances, 60 to 63; Utah, 16 to 17; Pacific, 5½ to 4½; Carn B ea, 140 to 145; South Condurrow, 9½ to 10; Grenville, 6½ to 14½; Eberhardt, 36 to 37; West Frances, 60 to 66; Pontericy, 3½ to 4½; Carn B ea, 140 to 145; South Condurrow, 9½ to 10; Grenville, 6½ to 14½; Eberhardt, 36 to 37; West Frances, 60 to 65; Utah, 16 to 17; Pacific, 5½ to 14½; Carn B ea, 140 to 145; South Condurrow, 9½ to 10; Grenville, 6½ to 17; Everhardt, 86 to 37; Pacific, 4½; to 17; Everhardt, 86 to 37; Pacific, 4½; to 17; Everhardt, 86 to 37; Pacific, 4½; Loverhardt, 86 to 37; Pacific, 4½; Loverhardt, 86 to 37;

These invaluable pills may be taken by females of all ages who are suffering from any disorganization of the system, or from those distressing diseases which frequently occur (from inattention) at the turn of life. They are so mild, though certain, that the most delicate female may take the most before the pills purify the blood of an armonic may take the most before the pills purify the blood of a solution. ently occur (from inattention) at the turn of life. They are so mild, the certain, that the most delicate female may take them with perfect safety. pills purify the blood, r gulate the recretions, and give tone to the chir. The constitution is thus permanently tonefitted, and the patient has aly got rid of a disease, but is better than ever, and has acquired that adial strength and vitality which are the best securities against a return of one complaints.

#### MINING IN SHROPSHIRE,

The success which has attended the development of the Tankerville, West Tankerville, Roman Gravels, and other mines in Shropshire and the neighbouring counties has naturally caused all enterprises for working mines in the district to receive a large amount of attention from the public. The mineral wealth of the district was recognised even by the Romans, who regarded the Gravels Mine as about the centre of one of the greatest mining districts in the island. The remains of Roman mines and Roman roads in this part of the country are so numerous as even to attract the attention of non-professional victors, and miners readily appreciate the intelligence that sional victiors, and miners readily appreciate the intelligence that must have been possessed by the Romans, who made so judicious a selection of a district for carrying ou mining operations in. The circumstance of the veins of lead being sufficiently numerous and extensive to induce the Romans to operate so largely, might alone be received as abundant evidence of the enormous value of the mines; for it must be remembered that the Romans were at a great disadfor it must be remembered that the Romans were at a great disadvantage in having to confine their operations to comparatively shallow depths, owing to their want of machinery for drawing the water, and of explosive agents for the removal of the mineral from the rocks in which it is embedded.

That ore usually increases in value as depth is attained is very

generally admitted, so that the almost innumerable shallow workings of the Romans are regarded by modern miners as most valuable ploratory works, permitting of the complete development of mines with a facility which could not otherwise be hoped for. W the application of gunpowler for blasting purposes, and the use of the various kinds of improved machinery, both in the shape of draw-ing and pumping engines, and of apparatus for crushing, dressing, and preparing the ore for market, it is not surprising that some of the recently formed mines in the district should have handsomely remunerated their shareholders, as an instance of which the Tanker-ville Company, which, although formed within a comparatively re-cent period, has already returned about one-fourth of the subscribed capital in dividends, whilst the prospects of endurance are such that the realisation of profits for generations is confidently anticipated.

The West Tankerville, the Roman Gravels, the South Roman Gravel, and other mines in the county, although generally considered to be rich for lead, have net yet entered the Dividend List; yet the prices which the shares at present command in the market may be taken as some criterion of their value,

A company is now being formed for working another property in

A company is now being formed for working another property in the county, occupying about 300 acres, and yielding lead, copper, and other minerals. The LLYNCLYS LEAD AND COPPER MINING COM-PANY, so called from the property being situated at Llynclys, near Oswestry, has been formed with a capital of 12,000\(lambda\_t\), in shares of 1\(lambda\_t\), each, and particular attention is directed to the convenient proximity of the mine to the Llynclys station on the Cambrian Railway mity of the mine to the Llynelys station on the Cambrian Railway system, and to the peculiar feature for the district that adit levels can be driven and the mines worked to a very considerable extent without the aid of steam power, thereby enabling the company to further test and develope the property at a very moderate expense. Capt. James Nancarrow considers the property of no small value, and where a vast amount of work can be done without the aid of steam power, and looking at the several favourable features which the property presents, the pro-pects are such as to warrant a vigorous prosecution, when he thinks a small cutlay likely to bring it into a profitable position. Capt. John Lester feels confident that in going to a depth of 80 to 100 yards in this mineral ground they will find a large body of lead and copper ores. The geological formation being limestone offers an opportunity for obtaining stone for fluxing purposes, and for converting into lime.

The geological formation of the Llynelys Mine is described as precisely the same as the productive mines in Flintshire—limestone—

The geological formation of the Llynelys Mine is described as precisely the same as the productive mines in Flintshire—limestone—and similar results may be expected in the working of this property. Very little has been done here by way of opening out the lodes, but in every instance where the lodes are opened on at surface they produce lead ore, and, from the present productiveness of the lodes, it only requires some two or three adit levels being driven on the course of the lodes to make this a profitable undertaking. One of the lodes is producing at the present time \(\frac{1}{2}\) ton of lead ore per fathom at a shallow depth; what will be realised as depth is attained time and proper working will tell. The same can be driven and stoped for about 30s. to 40s, per fathom. No costly machinery will be wanted to develope the same, and a small amount of capital is only required to work it effectually, as three adit levels can be driven from the eastern side of the hill at (say) 16, 28, and 40 fathoms on the course of the lodes, all producing lead ore. The same can be done on the north side of the hill on the copper lode, which forms junctions with other lodes passing through the sett,

#### GOLD MINING IN AUSTRALIA.

Melbourne, July 15.—For many years past there has been a gradual and steady falling off in the amount of the precious metal got from the gold fields of this colony. This decline is now arrested, and there cannot be a doubt that the shipments of Victorian gold from

the gold fields of this colony. This decline is now arrested, and there cannot be a doubt that the shipments of Victorian gold from Melbourne this year will greatly exceed the amount of the shipments of the year 1870. From Bendigo and the Beechworth district, as well as from the Gipps Land gold fields, north and south (more especially from Stockyard Creek), the latest reports have announced very large returns to the miners. But at Sandhurst (Bendigo) one of our oldest gold fields—long since supposed to have been past its best, as early as 1852—the largest yields have been recently obtained, and from depths varying from 200 to 700 ft.

The following is from a recent number of the Bendigo Advertiser, the principal newspaper of the district:—

"The end of the half-year affords a fit apportunity to give some of the results of the work during that period on the Bendigo gold field. The half-year has been a very heavy one for what may be called dead work, a very large amount of money having been spent in crecting machinery and in paying off l'abilities incurred in past years. But for this the dividends would have been much larger. The yield of gold during the past half-year was 117,277 ozs. 12 dwts. 2 grs. the approximate value of which is 499,9721. 12s. The money paid in dividends was a total of dividends or 1870, and is suggestive that the list at the end of this year must show very favourably in comparison. The total amount of money disbursed in dividends of 1870, and is suggestive that the list at the end of this year must show very favourably in comparison. The total amount of money disbursed in dividends of 1870, and is suggestive that the list at the end of this year must show very favourably in comparison. The total amount of money disbursed in dividends and calls was 217,2561.12s. dd., which leaves 183,7151.9s.6d. of the value of gold obtained to go to the working of the claims, or altogether devoted to that purpose the very large sum of 257,5344.8s. 2d. This proves that in some of our claims an enormous amou

Simultaneously with the improved prospects of the mining interest in this colony, some amazingly rich quartz reefs have very recently been discovered at Shortland and Graham's Town, at the Thames gold field, in the Auckland district of New Zealand. The quartz from the claim of the Caledonia Company has in large quantities proved so unprecedently rich as to enable the company to divide during the last few months between 300,000% and 400,000% in dividends. The neighbouring claims have, consequently, gone up rapidly in the price of their shares, and a scrip-fever epidemic now rages in Auckland. As an instance of what is called "luck," a man in Melbourne is

pointed at as being in the receipt of some 3000l. a fortuight from the New Zealand Caledonia Mine; and another man, an affluent squatter before he meddled with mining, has for many months been pocketing from the "Long Tunnel," in Gipps Laud, at the rate of 30,000l. a year on an original investment of some 2000l.

GREAT WESTERN SILVER MINING COMPANY (Nevada) .- The first GREAT WESTERN SILVER MINING COMPANY (Nevada).—The first general meeting of shareholders is convened for the 19th inst., and the report which will then be submitted is of a very satisfactory character. In the short time the company has been in existence all preliminaries connected with the transfer of the property have been disposed of, the company's title recorded and certified by the State official, and mining operations not only commenced, but so far advanced as toenable the manager (Mr. Ellery) to congratulate the directors upon the prospect of a lirst remittance of silver being made within a month. Two shafts are at full work, and the following assays will show the rich quality of the ore that is now being rabed.

"Assay Office of Thomas Cahili and Brothers, Hamilton, Necada, Aug. 4.—Certificate of assay of overfrom the Great Western Silver Mining Company, decreased of the company, and the first mining Company, decreased of the continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost, &c., to a "suspense account," or continue the dividends; placed the labour cost,

posited by Dr. Horatio Nelson:—359-64 ozs. per ton. Value of silver per ton, § 161-94 c.—Aug, 7: Assay of ore from new shaft, the first that was brought to \$16194c.—Aug. 7: Assay of ore from new shaft, the first that was brought to surface:—Value for silver per ton, \$11151c."

The small amount of the company's capital is a great feature, especially when the above faces, together with the extraordinary results which are being obtained from the district, are borne in mind.

# Oniginal Conrespondence.

#### MINING BY MACHINERY-THE BURLEIGH DRILL

SIR.—Since the drill has been at work here we have had to do a lot of necessary work in the shaft, such as putting in a set of bearers to carry the lift of pumps, and a now slide, &c., to the lift, and a run of new zinc air-pipes from the bottom to the surface, &c., and, as might be expected with a new machine, it has taken some time to get the men accustomed to sit and work the machine, but when we get the blocks, chain, &c., mentioned in last week's Journal, all in proper working order, I believe that the drill will far exceed any thing that can be done with manual labour.

As soon as we get everything in full working order I shall be able to give you all particulars of the capabilities of the drill, which I shall be glad to do for the information of your numerous readers and the benefit of mining generally.

WILLIAM WASLEY, Fireman, near Mold. Sept. 7. SIR, -Since the drill has been at work here we have had to do a

the benefit of mining generally. Fowneg, near Mold, Sept. 7.

#### ON HOME AND FOREIGN INVESTMENTS.

SIR,—Having recently been engaged in a series of interesting researches, I have asked and obtained permission to publish them, and trust they will be considered of sufficient interest to secure insertion in your valuable Journal. My field of operation, as you will perceive, is exceedingly expansive, and the record will naturally open out the question of comparative merits of home and foreign investments, especially when placed in juxtaposition with the able reports and strictures with which your paper abounds. I refer only to quality, leaving the questions of quantity, management, surveillance, and other commercial details to those whose opportunities of testing such matters far tran-cend my own.

Amongst home produce much encouragement is offered for an active prosecution of mining in Ireland, from the fact of the discovery of gold in districts where its existence was never dreamt of, and where its association with copper ore, and that, too, of an exceedingly rich quality, affords sufficient evidence of profit without reference to the noble metal itself. As a silver-lead producing country, Wales would appear to maintain its position.

Amongst other equally rich samples, I have just completed three for the Burrow and Butson Mining Company, with the following results:

Colorado has furnished specimens worthy of its character; thus,

from the Snowdrift Mining Company, assays of argentiferous galena 1.- Lead ...... 70-2 per cent. Silver 1487 ozs. 18 dwts. 22 grs. per ton 

#### CORNISH MINING. WHAT IS THE COST-BOOK PRINCIPLE?

CARN BREA AND EAST POOL MINES,—Both these mines are of long-dated growth, and commenced paying dividends about 35 years ago. Carn Brea proved rapid in development, although powerful pumping machinery was required to drain the old workings of water. Ye with a subscription of 15,000% capital, the yield paid for an extensive field of machinery and plant, and allowed of increased dividends up to 20,000% and even 24,000% annually, and the shares, 15% paid, rose to over 200% each. In the aggregate dividends of 280,500% were declared up to September, 1861, and 11,000% up to 1864, after which they ceased altogether until Aug. 30 last. East Pool Minest first consisted of 128 shares, and when 5% was paid the shares sold at 525% each. The dividends for 25 years, up to September, 1861, amounted to 305% per share, and the price at that date was 400%, although no dividend had been declared for the past three years, and the called-up capital had increased from 5% to 24%. 5s. per share (say, 2496% additional). The paid-up capital is about the same now—9s, 9d. per 6400th share, quoted 13% to 13%, 5s., or about 84,000% for the entirety, an advance of 32,500% over the last 10 years, and during which period dividends of 26,560%, have been declared, equal to 2650% annually, or 64 per cent. on the market price in September, 1861, and 3% 3s. per cent. on the price of this day. The last dividend was 5s. for the quarter, hence the mine is selling at rather own CARN BREA AND EAST POOL MINES, -Both these mines are of longdend was 5s. for the quarter, hence the mine is selling at rather over

13 years' purchase.

Referring, again, to Carn Brea Mine, calls of 20,000. have been made since the suspension of dividends in 1864, and after much disappointment in the results, shares sold for less than the cost of machinery and plant; yet in a short time, under a change of management, the properties, The West Briton remarks:—

Economy at Carn Brea.—"An Old Adventurer" writes:—You need not surprised at Carn Brea Mines making profits after the following savings:—Bean work with 15 loads. Another englae used to burn 22 loads of coal per week, and is now doing the same work with 15 loads. Another englae used to burn 22 cwts, per day; it now burn 15 cwts, and can be made to do the same work on 10 cwts, par day. If two siles can save so much, what may not the whole do? You can rely on this statement; this saving has been going on for many months.

The same authority further adds:—

The same authority further adds:—
Cun Brea has absorbed chief attention within the last few days, and previous to the meeting, which was held yesterday (Wednesday), an almost excision anxiety to know what the dividend would be was manifested by the dealer and speculators on the market, the number of whom, by the way, have millipided considerably since the advent of prosperant times. The astath manage however, succeeded admirably in keeping his secret, notwith-tanding many attempts to "get at" him and it. Shares fluctuated considerably since last weight how to get at "him and it. Shares fluctuated considerably since last weight house to get at "him and it. Shares fluctuated considerably since last weight how the status of the specific status of the The same authority further adds :-

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munication to a gentieman tolerably well acquainted with East Pool matters, be states, for the information of the shareholders, that the accounts submitted he states, for the information of the shareholders, that the accounts submitted to the last meeting were correct and regular in every respect, without the at the last meeting while or expenditure falling within the two months of sightlest omission of any bill or expended account. All the committee by an unanimous resolution. With regard to the 'suspense decount,' the committee or their friends had no objection whatever to forego the dividend, and to allow a suspended account to form part of the two-monthly expenditure proper; but as the mine was prospering, and they well knew that the forting of the drawing-engine would largely increase the returns both of the and eopper, so as very soon to enable the greater cost to be paid, they did not like to give an opportunity to jobbing brokers to knock down the price of the hares to the prejudice of a body of new adventurers who had lately come into har mine, and paid a high price for shares. This was in reality the head and from the committee's offending. The carrying of the items in question to a front of the committee's offending. The carrying of the items in question to a front of the committee's offending. The carrying of the items in question to a front of the committee's offending. The carrying of the items in question to a front of the sum is invariably upon good credit, and payments always regular.'

What is the Cost-book System? In Carn Brea the astute manager, as the West Briton calls him, declared a dividend of 2000% for the

and payments always regular."
What is the Cost-book System? In Carn Brea the astute manager, what is the Cost-book System? In Carn Brea the astute manager, as the West Briton calls him, declared a dividend of 2000% for the quarter ending June last, out of a balance in hand of 7539% 6s. 10d., after providing 2692%. 2s. 8d. to discharge all outstanding liabilities for machinery and merchandise, and 370% 4s. 10d. arrears of royalty. I have always regarded the Cost-book System as necessitating the making of calls at each two-monthly or quarterly audif, in order to clear the cost-book from debt, so that incoming shareholders should be free from responsibility up to that date, but in the case of East Pool Mine there is a "suspense account." What does this mean? Surely the committee and resident shareholders are not afraid to meet their liabilities, or the effects on the maket value of the shares through a call instead of a dividend? Their sympathy and consideration for recently-enlisted shareholders is amusing as well as refreshing; but where, and oh where, is the protection to in-coming ones? Is the accumulation of a "suspense account" satisfactory registered proprietor is liable for the full amount, whilst each and all must submit either to diminished future dividends or a future call to liquidate the "suspended account."

all must submit enter to diffinished duties dividends of a luture call to liquidate the "suspended account."

In East Pool an accumulated debt is announced, yet the shares are firm in the market. At Carn Brea the "executive" declare a 2°, per share quarterly dividend, and increase the credit balance in hand by 27481. 13s. 4d., and the price of shares fell from 1601, to

1401, in consequence. The two mines in question are conducted upon the Cost-book System, and the meetings held quarterly upon the mine, consequently the accounts are audited mostly by resident shareholders. So far as the accounts are audited mostly by resident shareholders. So far as I can read accounts, or judge commercially of the two properties, Carn Brea shares should have advanced 20% each and East Pool have fallen 40 per cent. In the one case the dividend could have been 5% per share, and a cash balance of 2539% 6s. 10d. carried forward to next audit, whilst in the other case a dividend of 5s. per share necessitated a "suspense account."

Can these two mines be soundly conducted upon the "Cost-book System" as recognised by the Stannaries of Cornwall and Devon?

Crown-court, Threadneedle-street.

Consulting Mining Engineer.

#### THE QUEEN MINE.

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SIR,—I do not pretend to know much about mining, but having heard that Capt. W. Pascoe is a conscientious and practical mining man, and noticing that he advices the shareholders of the Queen Mine to put our 32 heads of stamps for tiefin, I have made a calculation, and find that it, as I am told, each stamp will crush I ton per day of 24 hours, and Captain Knott is correct in saying that every ton contains ½ cwt. of lin, at 30 days per mouth this would be 900 tons, or 24 tons of tin, at 80%, per ton, realising 1920%, per month. I care nothing for large figures nuless they mean profits, and I desire to know whether this would leave any profit, and how much?

AN ANXIOUS SHAREHOLDER,
Who paid 22, per share for his shares nine months past, sept. 7.

Sept. 7.

Sept. 7.

#### EBERHARDT AND AURORA COMPANY.

EBERHARDT AND AURORA COMPANY.

Sin.—I believe that the violent fluctuations during the last month in the price of the shares of this compeny are parily to be attributed to want of confidence in the directors, who do not seem to know how to manage the company in a business-like manner. To show what I mean, I mention that the St. John del Rey Company and the Don Pedro Company give us advices every 10 days regularly; and at the end of each month we are told the gross proceeds, the cost, and whether we have made a loss or a profit, without any concealment whatever. In the Eberhardt Company all the information we get is one-sided. We are constantly did of the immense wealth in the mine, but to this day we have never had any secont of mine cost. If it costs 18s, to extract every 20s, worth of sliver, what have been debended dividends we have been promised? I know, from what have been ded dividends we have been promised? I know, from what have been do ther shareholders say, that it is this want of knowledge of the shallow of the company that annoys them; and I believe there will never be any stability in the price until the directors furnish proper monthly accounts.

A SHAREHOLDER,

### THE EBERHARDT MINE,

Sig.—It is stated by Mr. Rae, an abstract from whose book is published in the Times of Tuesday last, that the Eberhardt Mine was not sold till it was thought to be exhausted. At the time the present company purchased it there were 4,000 toos fore in sight, 150,0001, was given for the properties, and the company was afterwards offered 200,0001, for them by a firm in San Francisco. I am not nervous at the insinuations of the Times, and advise shareholders to take the advice given them by Mr. Ridsdale at the last meeting, "You have a cooproperty, stick to it." All Canden Cottages, London, N.W., Sept. N. EBERHARDT SHAREHOLDER.

11. Canden Cottages, London, N.W., Sept. S.

[For remainder of Original Correspondence see this day's Supplement.]

[For remainder of Original Correspondence see this day's Supplement.]

COAL AND GOLD IN BRITISH COLUMBIA.—We hear but little of British Columbia, and the report of 1870 by the Acting Colonial Secretary, Mr. Good, on the condition of the colony is acceptable. He state that the yield of gold in 1869 was quite proportionate to the mining population. The quantity known to be exported was of the value of \$2,417,873; to which must be added about a million for gold shipped by private hands, gold sent out from Kootenay and the mether boundary, and gold remaining in the country; making a total of \$4,417,873. The area of the known gold fields has been considerably extended, and reaches from the 49th to the 53d parallel of north latitude, running over a belt of from 100 to 200 miles wide. In 1869 the first quartz mill was crected at Carlbo, chiefly with the view of enabling discoverers of leads to test the value of the rock. The Acting Secretary is of opinion that a wide field lies open in this firection for utilising to enormous profit dile capital; but this era has not yet struced for British Columbia, and the development of the country drags along with weary, bailting steps. The yield of the Nanatmo coal mines in 1869 was boat 40,833 tons. The anthractice of Queen Charlotte's Island is equal to the Pensylvania for furnace purposes; but properly to develope and work themino woold require an outlay of 100,000. The exports of spars and lumber reached a value of \$250,855 in 1869. The production of the colony will have to fight against large import duty in the only reduction of the colony will have to fight against large import duty in the only reduction of the colony will have to fight against large import duty in the only reduction of the colony will have to fight against large import duty in the only reduction of the colony will have to fight against large import duty in the only reduction of the colony will have to fight against large import duty in the only reduction of the colony will have to fight against large import duty in the only reduction of the colony will have to fight against l COAL AND GOLD IN BRITISH COLUMBIA.—We hear but little of

The works of the MEXICAN RAILWAY are being prosecuted with feor. In July last arrangements were made by the directors for the shipsel, during the succeeding three months, of a vast quantity of material, the folio of which was forwarded in due course. These arrangements included the succeeding three months, of a vast quantity of material, the folio of which was forwarded in due course. These arrangements included the succeeding the succee

51, 10s. to 61, 10s.; Estramadura, 1s. 2d to 1s. 2½dd.; mineral, 55 to 60 per cent., 10½d. per unit.—Manganese: 70s. to 90s. for 70 per cent.; minor qualities, 10d. to 1s. per nuit.—Fron Over. Hematite, 19s. to 20s.; co\*tite, 6s. 9d. to 7s. 6d.

COAL MARKET.—The market has been barely supplied with coals this week, only 70 ships having come forward. The demand for household coals has slightly increased, and we quote a general advance of 3d. per ton. In Hartley coals no change. Hetton Wallsend, 18s. 6d.; Hartlepool Wallsend, 16s. 6d.; Schik Kelloe Wallsend, 16s. 6d.; Tees Wallsend, 17s. 9d.; Harton Wallsend, 15s. 6d.; Hetton Lyons Wallsend, 15s. 6d.; Scaton Wallsend, Unsold, 3; 20 ships at sea. ships at sea.

COAL TRADE,-Mr. J. R. Scott, the Registrar of the London Coal Market, has published the following statistics of imports and exports of coal into and from the port and district of London by sea, railway, and canal during August, 1871:—

By Sea.

By Real.

1	y sea.		By Kallway and Can	at.
	Ships.	Tons.		Tons cwt.
Newcastle	201	117,050	London and North-Western	58,254 6
Seaham	14		Great Northern	81,892 0
Sunderland	77	44,985	Great Western	44,269 5
Middlesborough	18	5,160	Midiand	110.914 0
Hartlepool	75	26,138	Great Eastern	43,412 13
Scotch	8	2,068	South-Western	2,305 16
Welsh	8	966	London Chatham & Dover	-
Yorkshire	21	2,300	South-Eastern	1.031 18
Small coal	1	528	Grand Junction Canal	
Cinders	10	1,239	Brighton and South Coast	-
Total	423	205,293	Total	352,070 18
Imports in Aug.,	870. 471	227,291	Imports in Aug , 1870	310,102 3
Com	PARATIVE	STATE	MENT, 1870 AND 1871.	
	Sea.		By Railway and Can	al.
	Shing.	Tons		one cute

# By Sca. By Sea. Ships. Tons. Jan. 1 to Aug. 31, 1871 E88 1.,1759,448 Jan. 1 to Aug. 31, 1870 4272 ...1,931,219 Jan. 1 to Aug. 31, 1870 ... 2,414 105 12

MINING NOTABILIA. [EXTRACTS FROM OUR MINING CORRESPONDENCE.]

Decrease in pres, year., 492 .. 152,201 Increase in present year., 471,994 1

MINING NOTABILIA,

[EXTRACTS FROM OUR MINING CORRESPONDENCE.]

WEST DRAKE WALLS.—In the Journal of April 22 I rend a letter, signed "Boya Fides." putting some pertinent quations to Messrs, Clogg and Sons, of Iskerd, relative to the manner in which the West Drake Mine was then being worked. I have looked in vain for a reply from those gentlemen, Perhaps "Boya Fides" gave them too many home thrusts, for the letter was much to the point. As a large shareholder myself, twoid suggests that Mosers, Clogg and Sons should give ns, through the neclium the progress that Mosers, Clogg and Sons so reply to the questions asked by him, and also to give such information as may reasonably be demanded by—A SHARPHOLDER.

New Crow Hill.—The agents report that the main lode has been discovered under the side at the 35 west of a masterly and congental appearance for the production of had; and from which they have broken some excellent work during the week. Considering that the lode was very rich above the side, the intersection of that and from which they have broken some excellent work during the week. Considering that the lode was very rich above the side, the intersection of that and from which they have broken some excellent work during the week. Considering that the lode was very rich above the side, the intersection of that and from which they have broken some excellent work during the week. Considering that the lode was very rich above the side, the intersection of it at this point, far from the influence of that interruption, the discovery may be considered of importance. Indeed, the agents report it to be the "most important feature" in the mine, and the "object of their search for years."

Gwydyr Park.—The Tyntwll Mine continues to open out well. New lead ground is being laid open as fast as the levels are cleared, and in the course of a few weeks regular and respectable returns of lead may be expected, and the mine placed in a first-rate position.

OLD LLANGYNOG.—This mine continues to improve daily; the look in the week

New Crow Hill.—The 35 fathom level winze is suspended, the water having increased to 300 barrels in 24 hours; it is 21 ft, below the level, on the course of a regular and promising lode, not rich at the bottom, but shows spots of ore. The 35 fm. level, which, they are clearing, has taken a southerly direction, and is to the south of the slide. The lode they have study on appears well defined, and is below the inter-ection of the slide, which is an important feature. They have discovered another level, branching in menoritarity think is on the course of the lode on the north of the slide. They think a western shaft should be sunk, which would ventilate the workings, and give good facilities for working.

BIRDSEYE CREEK.—This company have just succeeded in purchasing a rich tract of auriferous ground adjoining their former purchase, which enables them to remove their ditch off their own ground, thereby utilising for immediate washing all of the most valuable ground of the Uncle Sam and Mallery claims, including the tract just purchased. This purchase, with the enlargement of the ditch, which is now going forward, makes this a perfect property, with resources for permanency second to mone in the State of California. The new tunnel which has been commenced to open up to better advantage the Necce, West, and Brown's Hill claims will, when linished, double the already handsome, yield of that perfer of the property, the tail-sluice of these claims being so crooked and tortnous that not more than one-half the nice sarry quantity of water for successful washing can be forced through the mat present; whereas the tail-sluice, which will be opened up through the mat present; whereas the tail-sluice, which will be opened up through the new tunnel, will a simile of an unimitted discharge of both water and tailings. In the Red Dog claims, consisting of the Stinchfield, Begoic, Wright, Riggs, Duryca, and Star of the West, it is proposed to run a bed rock tunnel, which will open up one of the most valuable portions of the extensive property belonging to the company. Out of the adjoining property, working up to the very line of these claims, ever 120,000f, in gold has been taken. The Wauloupa sett of five claims, known to be rich, will be held in reserve for future working.

set, during the succeding three months, of a vast quantity of material, the solid which was forwarded in due course. These arrangements included so use of rails and fastenings, 1000 tons in August, and 2000 tons can in September and October: 100 open wagons were contracted for, part of which were contracted as a been made with the Yorkshire Engine Company for five the set of the course of the current course of the wagons and networks as also been made with the Yorkshire Engine Company for five wagons and the remainder will be delivered in the current month of the set of the Partial Parties of the wagons and the remainder will be delivered in the current was charteroiat. I therefore the current was charteroiat through the set of the Partial Parties, as well as these of the Partial Parties, and the set of the Partial Parties, and to present a strategraph complete. A steamer was charteroiat through the set of the Partial Parties, and the set of the Parties of the wagons and ralis, blasting powder, faze, bardies, and the set of the Parties of the wagons and ralis, blasting powder, faze, bardies, and the set of the Parties of the wagons and ralis, blasting powder, faze, bardies, and the set of the Parties of the wagons and ralis, blasting powder, faze, bardies, and the set of the Parties of the wagons and ralis, blasting powder, faze, bardies, and the set of the wagons and ralis, blasting powder, faze, bardies, and the set of the wagons and ralis, blasting powder, faze, bardies, and the set of the wagons and ralis, blasting powder, and the set of the wagons and ralis, blasting powder, and the UTAH .- The following special report has just been received :-

gold was always, and now is, contained in iron and copper pyrites, and the known conditions there were the same as the apparent ones in this case. The top of conditions there were the same as the apparent ones in this case. The top of the veins for a variable distance down was decomposed, and the yield was tree gold, and casily obtained in the stamp mills. There came for a distance of 100 fc, in depth and upwards a raw whitsh fron pyrites, and afterwards mixing with copper pyrites and tin together, are to-day in that territory yielding in some mines will known to me upwards of §100 per ton. The guidness or ravines, here canons, were all rich in gold, from the lodes, evidently. Here, in the Brigham Canon, is the only place gold mines in this region are found, and they are very rich, yielding, I am told, in places §25 per man per day. I have conv. red with miners here, who inform me that they have seen very fine specimens of gold (free) taken from the Bullom Mine; and I do not hesitate to assert that the gold found in the canon is from the veins described above; and I am forced to the conviction that the pyritic veins, discovered by the Utah Company's tunnel, will either of them prove as rich, and vasily more so, in gold as the Bullion now is in silver. This may be deemed extravagant talk, but I blde my time for its confirmation. I would like to urge it upon whoever is the proper party the propriety of sinking ito ft. on the third vein I speak of above. If che developments will be the result. Mark the prediction. I cannot write that fw hat I would like to say, and will say, to you in favour of this mine when I see you. It is no, properly appreciated; has not been even by the sellers.—HERMY ALTMAN.

-The Reese River Reveille says it is with pleasure that PACIFIC.—The Heese River Reveille says it is with pleasure that they record the strike of a magnificent body of ore in the 550 feet level. The vein struck is 1050 ft, deep from the mouth of the old incline with which it is connected—it is in entirely in new ground. A new vein has also been struck of rich ore 15 in, thick, in one of the cross-cuts in the lowest level, and the success of the company appears beyond doubt. Mr. Sewell is of opinion that the mine will justify the starting of the company's mill (the Metacom) at an early day. In the meantime, strangements have been made with the Manhattan Company for the reduction of a large quantity of ore which is now accumulating beyond the capacity of the ore-house.

#### FOREIGN MINES.

FOREIGN MINES.

ANGLO-AUSTRALIAN (Gold).—Mr. Lamb, Fryerstown, July 15:

"Since last mail we have purchased pumps to resume staking the western shaft, and have now the rods fixed and carried across the gully to the engine. Next week we shall commence lowering the pumps, and soou be enabled to drain the shaft. We have not yet met with pumps for the engine-shaft at a moderate price, but we shall now go on with the rods, &c., for this shaft, and hope soon to procure the pumps. I shall strongly advocate the advisability of putting up a five-head battery on a scale and plan which can be added to when found necessary. We shall be raising stone from different parts of the mine, and shall require to test it freely. I have but little doubt that we can also profit by crushing for the public ustil we cut our main lodes." Mr. Kitto, writing from Melbourne on the same date, says:—"Immediately a plat is cut I intend trying a large crushing from the leader cut in the western shaft."

UTAH (Silver).—Telegram from Captain Nancarrow:—"Furnaco working well, production last week 21 tons, assay value \$187, mines good, and new furnaces building."

[For remainder of Foreign Mines see to-day's Supplement.]

[For remainder of Foreign Mines see to-day's Supplement.]

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# Mining Correspondence.

#### BRITISH MINES.

ASSECTION.—Wm. Johns, William Tipton, Sept. 5: North and South Lode At Gundry's shaft we have ent the lode in the 20 cross-cut, and commenced to drive south on its course; the portion car-ted is composed of a beautiful soft killas, with a regular leader of lead ore—altogether a very kindly lode.—East and West Lode: Mawr Shaft: The lode at this shaft is still looking pretty well, worth 20 cuts, of lead ore per fathom. In the 20 cast of shaft, we have reached the north and south lode, and where cut into is 2 ft. wide, mixed up with copper, lead, and soft prian spar—a good looking lode. The three stopes in back west of shaft, are without alteration. We have made an attempt to take down the south part of the lode, where it is worth 40 cwts, of lead ore per fm; but this part is cuns to be taking off in the ide, with water issuing strongly from the south part of the lode, where it is worth 40 cwts, of lead ore per fm; but this part is cuns to be taking off in the ide, with water issuing strongly from the south part of the lode, where the south part of the name converts of the state of t

this part: we can sto be latking off in the slife, with water issuing strongly from the same converged to same and a strong the same is the same and the same is the same of the same and the same is the same and th

is without much alteration to notice. Our pay and setting passed off very satisfactorily.

CARN CAMBORNE.—Henry Bennett, Sept. 2: The 85] fm. Level: The east end on the south lode is worth 10°, per fathom fortin, and the west end 11L per fathom. The two intermediate drivings upon this lode are now united—the castern end from the western cross-cut, and the western driving from the castern eross-cut. A winze is being sunk below the level, in which the lode is 6 ft, wide, worth 100, per fathom for copper and tin. The north lode west is worth 10, per fathom for the fathom for copper.—The 76 fm. Level: The south lode west is worth 10, per fathom for the fathom for the lovel, on the lovel he fathom for the fathom for the lovel, on the north lode, is worth 12!, per fathom for the fathom for the lovel on the lovel he bottom of level, cast of winze, is worth 13!, per fathom for the fathom,—The 50 fm. Level: The cast end, on north lode, is worth 10°, per fathom for the made such is worth 10°, per fathom for the fathom for the lovel on the south lode, east of what, per fathom for the per fathom for the lovel on the south lode, east of shaft, worth 12!, per fathom for copper and the fathom for the 40 fm. Level: The north lode west is worth 8!, per fathom for the fathom for the fathor for copper.—The 40 fm. Level: The north lode west is worth 8!, per fathom for the fathor for senting below is still 2ft, wide, containing

Is worth 10°, p. r fatiom for tin. The winze sinking below the level worth 20°, per fathom for copper and tin; and a stope in back of level, on the south lode, east of shaft, worth 12°. per fathom for copper.—The 40° fm. Level: The north lode west is worth 8°. per fathom for tin.

CASTLE GATE.—T. Parkyn: Brenton's lode is still 2° ft. wide, containing good work for tin, and we are driving south of Brenton's lode to intersect the south lodes mentioned in former reports. I expect to reach one of the south lodes mentioned in former reports. I expect to reach one of the south lodes in a day or two, when I will inform you of the result at once. In the drivage south from Brenton's lode we have cut into several branches of tin, and they are all dipping or dropping into Brenton's lode, and, I think, will make a large deposit of tin a few fathoms below the adit, which is only 5° fathoms from the surface. I will give you a full report next week.

CATHEDRAL.—J. Michell, Sept. 7°. Colonel's shaft we are obliged to suspend until we get our engine to work, water being too much 10 keep with horses. Houston's great tin lode still maintains its size, and is producing rich stones of tin. We hope to finish clearing the adit very soon, when we shall be in a position to sink Doctor's shaft, and make good returns of tin.

CHIVERTON MOOR.—G. E. Tremayne, Sept. 2°. The following is a copy of our setting:—The 116 fm. level to drive west, by four men and four boys, at 3°. 15s. per fathom; lode 12° in, wide, of a kindly appearance. The 10°5 fathom level to drive west, by four men and four boys, at 3°. 15s. per fathom; lode presenting a very kindly appearance, with a great increase of water. A rise in the back of the 95° fathom; lode worth 10° ewts, of lead per fathom. To the 56° fm. level to drive west of the pass, by six men, at 2°. 10°s, per fathom; lode worth 10° ewts, of lead per fathom. To the 56° fm. level, by six men, at 2°. 10°s, per fathom; lode worth 10° ewts, of lead per fathom.

Level, by six men, at 2°. 10°s, per fathom; lod

back of the 130 fm. level the lode is 3½ ft, while, and now worth from 151 to 201, per fathom for tin and copper ore. At Pelly's engine-shaft the lode is 3 ft. wide, producing tin and copper ore to dress, worth 101, per fathom for the length of the shaft (21 ft.), and likely to improve, which is an important feature—Blewitt's Shaft: In the rise above the 200 fm, level, west of shaft, the lode is 6ft. wide, producing 2 tons of copper ore per fathom. There is no alteration in any other of our tutwork operations since the last report. The masons are making good progress in the building of the man-engine bonse, and we are pushing on the casing and dividing of Wolf's shaft with all speed.

CUDDRA.—F. Prekey, H. Harvey, Sept. 6: In the winze staking below the 12, on the north lode. from Walker's shaft, the south or tin part of the lode is about 5 ft, while, and presenting a very promising appearance, composed of quarts and peach, and containing a g od lender of tin, worth fully 252, per fm. In the rise in back of the same level the lode is 6 ft. wile, has the same kindly appearance, and producing saving work for tin. In the winze sinking below the 142 fathom level, west of the shaft, on the south part of the lode, no lode has been taken down for the month, but we shall begin to take it down in the carly

about 5 ft. while, and presenting a very promising appearance, composed of quarts and peach, and containing a g od leader of this, worth fully 25°s, per fm. In the rise in back of the same level the lode is 6 ft. while, has the same kindily appearance, and producing saving work for the. In the whoze sinking below the 142 fathom level, west of the shaft, on the south part of the lode, no lode has been taken down for the month, but we shall begin to take it down in the early part of next week. The lodes in the different stopes are still very large, and without alteration in value since last reported. At the steam within-engine we have taken out the old briler and put in the other in its place. We hope to get ready to work again by Friday next. All our operations are being pushed on as fast as possible.

DOLWEN.—J. Davis, Sept. 6: The lode in the adit level is 3 feet wide, composed of gossan, with carbonate of lead and strings of lead ore; the end is coming very wet, and I expect a further improvement shortly.

DRAKE WALLS.—Thos. Gragory, Sept. 7: The branches in the 60 cross-cut south are still holding good as we open on their course, and are laying open good ting ground for stopes. We have to-day cut into some good tin branches in driving the 65 cross cut south, so far as seen worth 111, per fathom; those branches have not been seen west of the cross-course throughout the western part of the mine, consequently other cross-cuts will be opened as quick as possible for proof of the same. We have no important change in any other part of the mine, consequently other cross-cuts woth the ground continues granite, and letting ont water, but a little harder for driving. In the 116 cast, on the south hard elvan, In the 115 cross-cut south the ground is elvan, and favourable for progres. In the 90 cast the lode is 2 ft. wide, composed of duartz and gosan, spotted with mundic and copper ore. In the 90 west the lode is 1½ foot wide, chiefly quartz. In the 80 east reneal. In the 90 west, on the south part, the lode is 2 feet

lade continues as for some time past, producing good gessait. At the continues as for some time past, producing good gessait, carbonate of time, and occasional stones of lead.

EAST WHEAL GRENVILLE.—G. N. Odgers, W. Bennetts, Sept. 2: The men are making good progress with the driving of the 120 cross-cut north. The lode in the 95 cast is 18 wide, and producing good stones of copper ore. The same may be said of the 85 cast. The lode in the 75 cast is 20 in. wide, worth 2 tons of copper ore per fathom. The lode in the winze below the 75, for 10 ft. long, will produce 7½ tons of copper ore per fathom, with a little tin. The lode in the 65 cast has improved to nearly 3 tons of copper ore per fathom. The stope in the 75, west from the engine-shaft, is worth from 2%, to 2% per fathom for tin.

stope in the 75, west from the engine-shaft, is worth from 201, to 252 per fathom for tin.

— G. R. Odgers, W. Bennetts, Sept. 6: The men are making fair progress with the driving of the 120 cross-cut north. The lode in the 95 cast is 15 in, wide, with stones of e-pper ore. From the character of the lode here, judging from past experience, we believe an improvement will shortly be met with. We see no change in the 85 cast since our last report. The lode in the 75 end cast is 21, wide, producing from 2 to 2½ tons of copper ore per fathom. On the north side of the lode we find a leader of tin, which generally leads to an improvement for copper, whether we expect. The lode in the winze sinking below this level for 10 fr. long will produce 2 tons of copper ore per fathom, and the stope above will produce 2½ tons. The lode in the 65 cast cut is worth 3 tons, and the two stopes above 2½ tons cach per fathom. We have commenced to put in the schroad, and we hope by Wednesday or Thursday to haul from the 75, EAST WHEAL LOVELL.—R. Quantrell, Sept. 6: There is no change in the mine to notice since the meeting.

the engine-shaft, is worth for tin 2%, per fathom. We have commonicate to posite the help-road, and we hope by Wednesday or Thursday to hand from the 75. EAST WHEAL LOVELL - R. Quentrell, Sept. 6: There is no change in the mine to notice since the meeting.

EAST WHEAL SETON.- J. Vivian and Son, Henry Arthur, Sept. 7: Cartwight's Shaft: We are making good progress in the shking of this shaft, being now about 5 fms, below the 34 fm. level, where the lode maintains its favourable appearance, and is producing more prian than we have ever seen in the fore; this is generally r gavid as a good indication. The shik below the 34 fathom level west continues to produce 3 tons of ore per fathom. In the 34 fm, level, where the lode has improved, being now about 3 ft, wide, and composed of quartz, mundle, and copper ore. The tribute pitches and other parts of the mire are without alteration since our last report.

FRANCO CONSOLS.—W. Doldge, Sept. 7: We have been driving east of Sutton's shaft, where the lode has produced 2 tons of copper ore, 3 tons of which are a good-quality black ore. We hope to have something good here; the end is booking kindly for improvement.

GAWTON COPPER.—G. Rowe, G. Rowe, jun., Sept. 2: The ground in the 15, east from King's engine-shaft, on the north side of the lode, is of a good description for mineral, and moderately easy for progress. The lode in the 95, east of the said shaft, is showing a very kindly appearance, and producing 8 tons of good quality ore per fathom. The part of the lode carried in the 82 east is 3 ft. wide, principally composed of capie, spir, and mundle, interniles with ore. The lode in the stopes in back of the 82 is worth 2 tons of ore per fathom. The lode in the 15 east is 6 ft. wide, principally hard capiels and spar, internixed with mundle and ore. The lode in the winze sinking below the 70 is worth 9 tons of ore per fathom. The lode in the fit of pumps, a new slide, &c., put to the pump, and the produced with consideration of the carry the lift of pumps, a new slide, &

from indications, I think we shall have to shik but very little to get into much better ground for sinking. The engineers are getting on well with crecting the new engine.

GREAT RETALLACK.—G. R. Odgers, J. Harris, Sept. 2: We have to-day set the adit cross cut to drive through the lode, by six men, at 91. per fathom; we have already driven to 8 ft. on the lode, which is composed of hard capels, with a little mundle and Jack, but we have not yet reached the south wall. The end continues to let out a quantity of vater, which has thoroughly drained the Duchy and Peru adit, and the water in the old mine has gone down fully 2 fms. The appearance of the lode is very much like what it was in the old mine. GREAT RETALLACK.—G. R. Odgers, J. Harris, Sept. 7: We are pleased to tell you the ground in the adit level south entiting through the lode is very much eased shee we last wrote you, it now being composed of friable quartz, white from, and steatite, with stones of jack and mandie, but not to value. The men are making very much better progress in driving than for a long time past, they having gone in 6 ft. in the furthest point since Saturday last.

GREAT ROCK.—John Kemp, Sapt. 7: We are now making good progress with the sinking of the engine-shaft. I shall, it possible, make this a 15 fm. lift before driving out cast and west on the lode. The 25 is producing some good stones of lead, but the branch producing these stones of lead has turned off at nearly right angles with the lode, so that we may find something good on the footwall of the lode. There is no alteration to notice in the winze in bottom of the 12, or in the deep adit level cast of engine-shaft.

GREAT WEST CillVERTON.—D. R. Sitekland, Sept. 6: No. 3 lode is now working big, composed of flookan, mundle, and fine lead, thinly disesminated through the flookan. All the lode and the footwall of disminanted through flookan. No. 2 lode is 18 in. wide, well defined, and the bottom part of the lode contails made, and pasts of breach at a many as a state through th

any Inspector may come and break solid lead for the satisfaction of nimerical and friends.

GWYDYR PARK CONSOLS.—W. Smyth, Sept. 5: Tyntwil Mine: Since our last report I have put the men to take another stope in the bottom of the 8: this stope was poor to begin with, but has gradually improved, and is now worth its former value. I have also put four men to stope a piece of ground in the bottom of the 16, where it is showing good lead, but am not yet able to say its value. I have been disappointed in not baving yet got the crusher put up. The drawing gear is working well, and we are getting up the stuff as fast as possible. There is no change in Fuchesias deep adit since last reported.

HOWARD (Lead)—W. V. Williams, Sept. 7: The miners are making good progress in sinking the engine-shaft. We have just now discovered an old level made by labourers at some very distant period; however, in the back of said level there are two small branches rich for lead, in the spar part of the lode, and we have broken therefrom some very good specimens of lead. We have also broken lead from the lode during the week. In our sinking by the end of an-

level, character of the lodes, &c.

Hisoston Down Consols.—James Richards, Sept, 7: There is no alteration in any part of the mine since last week's report. A full report of the workings during the past four months will be forwarded in time for the meeting on Tuesday next.

lay next.

NG. - W. Knott, Sept. 7: We are making fair progress in clearing the 20 be-

about 5 ft.; altogether is ft. The character of the vein is without much alteration, except containing rather more spar. If no further alteration takes place after a short distance further. I shall propose to suspend the driving here for a time, and put these men to drive north on the eastern part of the vein ration, and put these men to drive north on the eastern part of the vein. The new pipe, on Johnson's lode, has again been split with a rider, but there is every prospect of its turning out a valuable vein. Holly Bank adit level has been driven 3 ft.; altogether 58 fms. 2 ft. 6 in.; the ground here continues very hard and difficult fo cut.

NEW PEMBROKE—Francis Packey, John Puckey, Sept. 4: The engine-shaft is sunk 6 fms. below the 9°; the lode in the bottom of the shaft is divided by a horse of k lias; the south part of the lode is 1½ ft. wide, producing some good work for tin, and worth 161, per fathom. In the stope in back of the shaft, the lode is 3 ft. wide, worth 181, per fathom. In the stope in the back of the same level, be hind the end, the lode is 2 ft. wide, worth 181, per fathom. In the stope in the back of the same level, west of the winze, the lode is 3½ ft. wide, composed of set peach and quartz, yielding good work for tin, and worth 381, per fathom, in the stope in back of the ft. 5, west of Truan's rise, the lode is 2 ft. wide, worth 181, per fathom, in the stope in back of the 75, west of Truan's rise, the lode is 12 ft. wide, worth 181, per fathom. In the stope in back of the rise, is 5 ft. wide, worth 181, per fathom. In the stope in back of the rise, and looking promising for further men the lode, worth 101, per fathom. The lode in 12 ft. wide, worth 61, per fathom. The lode in 12 ft. wide, worth 62 in 16 stope in back of the rise, the lode in 16 stope. In the stope in back of the rise, in 16 stope in back of the rise, in 16 stope in back of the rise, the lode in 18 ft. wide, worth 161, per fathom. The lode in 18 ft. wide, worth 62 in 18 ft. wide, worth 18 ft. sin, and the lode in 18 ft

the water from the 50, and are now engaged in clearing a run in the norm cross-cut at that level.

NEW WHEAL CHALLOTTE.—J. Tonkin, Sept. 2: In the engine-shaft the men are still driving south; we are now in 15 ft. 6 in., and I believe are near the lode, as the end has become very wet in the last few days. There is no change to report in the copper lode. In the 30 cross-cut north we have driven through a small branch, which is rich for the node gry and black copper ore; the j-ints or cracks in the strata about this branch are filled with thin sheet, of malleable copper; this branch at the surface is about 4 fathous south of the lode, and if the lode and the branch keep the same underlie to this level we shall cut the lode in about a month from this time, when we hope to find something good.

hing good.

NEW WHEAL TOWAN.—Richard Pryor, Sept. 6: No change worthy of nolice has taken place in this mine during the past week. Friday next beingour
any and setting a full report shall be sont you.

NORTH CROFTY.—Joseph Vivian and Son, William Thomas, Sept. 7: The
active and points of operation are without any change which we can notice since
ast week's report.

ast week's report.

NORTH DOWNS,—J. Williams, Sept. 4: We sold a parcel of ore on Thursday ast, which realised 1331, 14s, 3d. The engine and pitwork are working very wei, in I the water in fork

NORTH KINGSTON.—W. Metherell, Sept. 7: The lode in the aditend leader as 2½ ft. wide, impregnated with squats of yellow and black oxide of copper, potted with silver-lead throughout, with beautiful white quartz, and very rich gosson—a splendid lode. George's shaft is going down rapidly, now 6 fathess clow the adit, being in good mineralised blue killas, full of white prian and quartz heads.

uartz heads. NORTH LOVELL.—Sept. 2: The shaft is now 6 fms. 3 ft. below the 22, slak ng by nine men, at 321. per fathom; lode 10 in. wide, stamping work. Thelog NORTH LOVELL.—Sept. 2: The shaft is now 6 fms. 3 ft, below the 22, sing by nine men, at 322, per fathom; lode 10 in. wide, stamping work. The lode is not rich in the shaft, and is looking highly promising. The lode in the 28 west has improved in size and quality, and is 2 ft. wide, the leader part beig ft, wide, and better than I have ever seen it before. Having only one shat the air is too tight to work successfully in the 22. I have, therefore, put apare of men to sink a winze in the bottom of the 12, west of the shaft. This winse gives us good ventilation, and lays open a good piece of tin ground for stoping. We hope to arrange about the stream of water for the stamps on Monday, NORTH POOL.—Sept. 7: Ballarat shaft is now 11½ fms. below the 52, The doc has the same favourable indications, composed of quartz, blende, as

we hope to arrange about the stream of water for the stamps on Monday. NORTH POOL.—Sept. 7: Ballarat shaft is now 11½ fms. below the 52. The lode has the same favourabe indications, composed of quartz, blende, ast exper ore.

OLD BATHOLES.—Arthur Wa'ors, Sept. 7: We have three men fixing beneric for drop-life, and sundry work in connection with pumping out of theesiness of the control of the sundry work in connection with pumping out of theesiness of the control of the sundry work in connection with pumping out of theesiness of the control of the control of the control of the sundry work in connection with pumping out of theesiness of the control of the control of the sundry work in the course of another week. We are now ready for the control of the control of the makers on the subject. Office and smith's shop are being or cited.

OLD TREBURGETT.—W. Hanceck, Sept. 7: Engine-shaft: The water is fork at the 10, and the shaftmen with have completed cutting it down, diriding and casing it to this level, by the carly part of next week. We shall then elect the staff and old timber out, as well as make preparations to clear the shaft be low; this will be done as speedily as possible. The dobris has been cleared on to the end of the 1 fm. level south; the last 5 fathoms has been driven by the side of the lode, which we are now stripping down preparatory to continuing driving the end; the lode here is 3½ feet wide, composed of cipel, spar, while hear of the sundry is a sundry of the sundry of the control of the control of the sundry of the

oremark on the exploring operations, the men being busily engages own and fixing the pitwork, and we shall put the 140 plunger-pole after part of this week; we have also sent down 32 fathoms of m

PENHALLS.—S. Bennetts, W. Higgins, Sept. 2: The 70 west is worth 10.

PENHALIS.—S. Bennetz, W. Higgins, Sept. 2: The 70 west is worth; of them of the 60 west is without much change, producing some tinstiff, to of much value. The drivage of the 60 east is resumed; the lode, however the somewhat unsettled. The 54 west, on the new lode, is worth fathom. The 4d, cast of Pink, is worth 87, per fm.; and the 17, west of 83 per fm. The various stopes throughout the mine are much the same. PENNERLEY.—Wm. Nanearrow, John Delbridge, Sept. 6: The lode 130, east of engine-shaft, is 3 ft. wide, from 2 to 3 tons per fathom, with no wall, and we have put the men to cut through the lode, so as to accept the lode is 1½ ft. wide, which, worth 1 ton per fathom, with a promising appearance of the same as reported last week. In the winge sluking below the 63 the worth 2 tons per fathom, —Potter's Pil Water, the lode is looking well, worth 5 tons per fathom.—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom,—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom.—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom,—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom,—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom;—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom;—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom;—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom;—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom;—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom;—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom;—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom;—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom;—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom;—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom;—Potter's Pil Water, the lode is looking well, worth 5 tons per fathom;—Potter's Pil Water, the lode i worth 2 tons per fathous.—Potter's Pit: He lode is fooking well, worth 5 tons per fathous.—Potter's Pit: He lode in the shaft, sinking below the 25, is still producing rich lumps of ors, most promising lode indeed. The 25, west of shaft, has improved since issipport, now worth 2 tons per fathom. On the whole, we consider the prospected the mine are looking well for the future. We shall sample on the 58 ins.

FENRHYN.—William Johns, Mark Whitford, Sept. 7: We are foreing oil sinking of the engine shaft will all possible speed below the 30; the lode, but the 10 in the 10

FERRHYN.—William Johns, Mark Whitford, Sept. 7: We are foreiged sinking of the engine shaft will all possible speed below the 30; the lost though split up in branches, is producing stones of lead. The lode in No.38 is presenting a very good appearance, worth from 15 to 20 exts. of lead or fathem. Here we shall equickly be in a position to drive both east and where we anticipate opening out good ore ground. In the 30, cast of flat shaft, the lode is looking better, about 15 in. whice, chiefly bleude, mixed up lead. The massons have completed building the bob-stands, and the carpel is ergaged putting in the bobs, &c.

PERRINS BEACH.—Wm. Namearrow, E. Davies, Sept. 7: We have the gine all complete for No. 2 caunter to be set to work, but have yet some off of the boller makers have finished putting it together. As son as the caparives we shall begin to put this up also. We are now putting in pipel chimney for this engine. The lode in the Chimney-pipe continues to yield is used in the summary of the boller makers have finished putting it together. As son as the caparives we shall begin to put this up also. We are now putting in pipel chimney for this engine. The lode in the Chimney-pipe continues to yield is much improved, and we are making fair progress towards the lode, we have described by the sum of the property of the sum of the shaft caparity we have been able to do any work in the bottom of the shaft caping the week; the relians not been forked strict the breakage, but hope to get it out shortly 30 fm, level, west of shaft, the ground is still good for driving, and the loss. The day bex. A stope in the back of the 85 fattom of the 10 growth 1. A stope in the back of the 85 fattom of the 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress in clearing the 20 beyond 10 growth 15 certain progress with 16 certain progress

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pliwork is in g SOUTH VAI commenced to time. No time mediately advi SOUTH WH 154 is 218 father the lodes; the east of footway ing at 31. per

as to foot way ing at 31. per i worth for the 614 are worth for the 614 are worth for the ended is to per fathom. Till toping at 11. 8. ft. wide, and ode at the 134, it the last meetihe cross-cut, are the cross-court in the new load the cross-cut, the helm of the end in worth for the helm of the trees court in the helm of the end in worth for the helm of the trees court in the helm of the trees court in the helm of the 1781 COTTOR!

the kindly appearance it has presented for so great a d'stance. The portion of lode taken down is worth 41, per fathom. The stope in the back of this level the lode is 4 feet wide, worth 71, per fathom. In the 20 fm. level, driving west of western shaft, the lode is opening out wider, and producing good stones of western shaft, the lode is opening out wider, and producing good stones of western shaft. The men are making good speed in cutting plat, and ground for road in crossing shaft. The tribute department is looking promising, and working with satisfaction. We have about the same quantity of tin for sale this month as we had last, about 5 tons.

PERRAN WHEAL VYVYAN.—D. R. Stickland, Wm. Perry, Sept. 9: No. 1 lode continues its size, carrying nundic and more gossan than usual, with a small fluokan. The shaft sinkling by six men, to cut the two lodes, is now down about 14 achoms, and from the under-lie of the two lodes seen near the surface we ought to cut one in about a fortulght from this date. We have some water come into the shaft, not much yet to impr do our progress.

PLYNLIMMON.—John Paull, Sept. 7: The engine-shaft is in good course of sinking under the 24, by nine men, and going down fairly. In the 24 east there is no change since last report; the ground is still hard, and the driving rather slow; the lode is of a promising character, with spots of lead, blende, and copper ores. In the 12 cast the lode is again larger, and of better appearance, producing good stones of lead ore. The stopes over this level continue to give their average yield of lead ore. We have to-day started the cross-cut north in this level, by four men (from near the centre of the castern or best run of ore ground), and expect that 50 or 60 fms. driving will intersect the north lode in a very favorable position, or parallel to ore ground, for 60 fms. long. The winze sluking below the 12 is down 6 fms., or ground, and ore per fathom. The winze sinking under the 63 is 8 fms. under the said level, and yielding at present 2 days on th

estern shaft to-day, and are pushing on our surface operation with air plespeed.

INCESS OF WALES.—T. Foote, G. Rickard, Sept. 6: The lode in the 50, of Harris's engine-shaft, is showing a much better appearance at the pre-time than ever seen before; the leader part is about 1 ft. 6 in. wide, priny of mundle and copper ore; there is a strong lineture of greens in all the , floors, &c., which we deem are good indications, and lead us to expect a coffore as the driving is being proceeded with. The ground in the 50 fm. cross-cut, driving north towards the tim lode, is without any change to since last week. The engine and pitwork are in good condition, and not well.

level cross-cut, driving north towards the tin lode, is without any change to motice since last week. The engine and pitwork are in good condition, and working well.

QUEEN.—W. Knott, Sept. 7: On Saturday last, being our pay and setting-day, the following bargains and tribute pitches were re-set:—To drive the 40 cross-cut from engine-shaft, by six men. 2 Ims. stent, or intersect the lode, at 14%, per fathom. To rise in back of the 20, below adit, by four men, at 170s, per fathom, stent the month. To drive the 20 below adit, east of engine-shaft, by four men, at 160s, per fathom, stent for the month.—Cook's Shaft: To drive the 20 below adit, east and west from shaft, by eight men, at 6s. 8d. in 11. tribute for copper and mundie, and 100s. per fm., stent for the month. In the 10, west of shaft, the lode has not been taken down; the last few feet are now being taken down before re-setting the end to drive. A tribute pitch in back and bottom of this level by two men, for one month, at 12s. in 11. tribute. The deep adit end, east of cross-cut, north of engine-shaft, to drive on the silver lode, by two men, at 90s, per fm, stent nor month.—Bennett's Western Shaft: This shaft is sunk to the 20, below adit, and we shall now sollar over the shaft and commence driving east from the same on the course of the lade, which is 2½ ft. wide, composed of flookan, peach, and prian, with a leader of arbonate of Iron, interspersed with lead and silver of moderate quality. The stopes in back of the 10 are yielding saving work, but not rich at present.

REDMOOR.—F. Bennetts, Spt. 7: The lode in the 25 fm. level west is worth 40, per fathom. The lode in the end and stope, west of the south shaft, is worth 41, per fathom.

REDMOOR.—F. Bennetts, to the end and stope, west of the south shaft, is worth 42, per fathom. The lode in the end and stope, west of the south shaft, is worth 44, per fathom.

d, per fathom.

RHYDTALOG.—John Pope, jun., Sept. 6: Friday last being our pay and setting day, everything passed off very satisfactorily, and the following bargains were re-set:—The 25 to drive west of the engine-shaft to four men, at 71, per fathom; the lode in this end is 4 ft. wide, a beautiful-looking lode, composed of jack, lead, and copper, worth about 15 cwts. of lead ore per fathom. The 15 fm. level west, on new lode, to four men, at 41, per fathom; this is a good-looking lode, and producing good stones of lead ore; this end is now getting near the new shaft, and as soon as we get under the same I shall put the men to rise against the shaft, to communicate, so that we shafl get better air, and be able to stope the back of this level to advantage. The new shaft is laik to six men; the lode in this shaft continues the same as for some time past.—Dressing: I expect to-morrow more hands in this department, which we much need at present.

all present.

All presents are all presents and the distributions points of operation underground are progressing as usual, and the mine is opening up, as we have expected, very productively. We purpose sending the boiler for underground-engine down to Corfield's to-morrow. The boiler makers are hear. We shall go on regularly with the fixing of engire, &c., at the said point. The hew south engine-shaft is in regular sinking order; the winding-engine doing its work well. We have to-day sampled 125 tons lead ore the produce of August, for sale next Thursday.

work well. We have to-day sampled 125 tons lead ore the produce of August, for sale next Thursday.

SOUTH CONDURROW.—J. Vivian and Son, Henry Abraham, Sept. 7; In the SUTH, level, west of King's shaft, we are still opening on the silde. The 72 fm. Serie, west of King's shaft, we are still opening on the silde. The 72 fm. wet of King's shaft, has improved since the last report, being now worth for a width of 5 feet about 180, per fathom. The 71 fm. level east of cross-cut, west of King's shaft, is worth for a width of 10 ft. better the sale of the south 181, per fathom. The film level east of cross-cut, west of King's shaft, is worth for a width of 10 ft. better 181 fm. level east of cross-cut, west of King's shaft, we are strying a width of 9 ft., which is worth about 80, per fathom. In the 51 fm. level east of cross-cut, west of King's shaft, we are level, west of cross-cut, we are also carrying a width of 9 feet, which is worth about 80, per fathom. We are continuing the 51 cross-cut still further north through the loide, and find it to be worth about 40. per fathom. The 10 fathom when the same is a state of the shaft, has improved, and is now worth about 22. per fathom, also doe being 25 feet wide. The add tievel, east of new shaft, is producing a little tin. We shall take our parcel of tin to the smelting-works on Saturday, be led to has taken place in this mine since our last report. On Friday last we sampled 25 tons of silver-lead ore and 20 tons of copper ore. The machinery is in good working order.

I seed working order.

South grader Work.—S. J. Reed, Sept. 6: The Great Work lode at the South Great Work work lode at the spine-shaft sinking below the adit level is 4 feet wide, and I am in hopes of own states of the spine shaft sinking. The lode continues to yield the usual quantity of tin, and appearances are highly favourable. In the adit end, driving cast of the spine-shaft, the lode is 2½ ft. wide, but somewhat disordered by a slide; I his, however, it will shortly improve, as the end is being driven eastward. The spine shaft was taken down the lode in the rise, which is worth 44. per fathom, trangements are being made for cutting down and enlarging the new flat-density.

Arrangements are being made for cutting down and cularging the new flatmed slaft.

SOUTH MERLLYN.—Sept. 7: The only change I have to report since my
ask is an important improvement in the ice, driving north from Vicker's shaft.

SOUTH MERLLYN.—Sept. 7: The only change I have to report since my
ask is an important improvement in the ice, driving north from Vicker's shaft.

SOUTH MERLLYN.—Sept. 7: The shaft is down in the ice, driving north from the ice
and spots of lead ore, which looks very promising indeed for a deeper level.

At the lofm. level is down if mass, a quantity of mundle, and spots of lead

the lofm. level, driving west, we have driven 13 fms., the lode is from 3 to

the wide, composed of flookan, quartz, a quantity of mundle, and spots of lead

see, with a great increase of water, altogether a very promising appearance.

The water-wheel and pitwork are all in good working order.

SOUTH WARD.—T. Foote, Sept. 5: There is no change to notice in the lode

in the engine-shaft since my report of last week. Good progress is being made

in shaking. The lode in the 40 south is very much improved, in fact I broke

some of the best work yesterday that I have seen in the mine, a fine looking

see. I hope it may continue. We have holed the rise in the back of this level

south with the winze, which has given us good ventilation. Three men are

sleed to rise and stope over this winze in the back of the 25.

The lode at this

blinks is no good order, and working well.

SOUTH VAN.—J. Richards, Sept. 7: The shaft is down, and the cross-cut

southers and stope over the completing this work, when I will im
south what has been a continued to accomplish this work, when I will im
south what has been the result.

SOUTH WARD.—Electory and work and looking very promising.

numenced to drive south to cut the lode, which will be met with in a very short me. No time shall be lost in order to accomplish this work, when I will imselfately advise you of the result.

SOUTH WHEAL FRANCES.—William Pascoe, Joseph Prisk, Sept. 4: The 4 sign fathoms west of Pascoe's shaft, or 89 fathoms weat of the junction of elodes; the lode is 1½ ft. wide, producing low quality tinstuff. In the 114, stof footway, the lode is 1½ ft. wide, and worth for the ft. per fathom; driver at 110 m. In the 114 stoff footway, the lode is 1½ ft. wide, and worth for the ft. per fathom; driving at 31.5s, per fathom. The stopes over the 34 see worth for the ft. per fathom is driving at 11.8s, per fathom. The stopes over the 34 see worth for the ft. per fathom; stoping at 11.8s, per fathoms, over the 34, is worth for the 121, per fathoms; stoping at 11.8, per fathom. The western stope, over the 94, is worth for the 131, per fathom; stoping at 11.8, per fathom. The western stope, over the 94, is worth for the 131, per fathom; it is per fathom. The western stope, over the 94, is worth for the 151, per fathom; the lode is 6 stoping at 11.8s, per fathom. In the 94, 10 fms, east of cross-course, the lode is 6 at the 134, and bout 240 fathoms west of Pascoe's shaft, was just intersected the last meeting of adventurers; it is now opened on by a level 5 fms, west of fathom. The 134 cross-cut is driven 8 fms, south, and it is probable we may be cross-cut, and is 3 ft. wide, and worth for the 3 fms, west of the 124 cross-cut, at the fed is 6 ft. wide, and worth for the 124, per fathom. The wines 5 fms. did worth of the 124 cross-cut, and the lode is 6 ft. wide, and worth for the 141 per fathom. The wines 5 fms. did not 124 per fathom. The wines 5 fms. did not 124 per fathom. The wines 6 fms. did not 124 per fathom. The 64, 12 fms. west of the cross-cut, the office is 6 ft. wide, and worth 124 per fathom. The wines 5 fms. did not 124 per fathom. The 64, 12 fms. west of the cross-cut, the first the new lode is 6 ft. wide, and worth 12 are being made at the old whim for drawing from that shaft, which

m will recapy about a fortulabit from this time to complete, at a cost of about 150. or 164. By this afterest tom we shall be able to stamp a greater quantity of sixth.

277. 1972 ARIAGAMA TOR 1. Pro 1. S. Horne, Toron, Nicharda, Soyl. 2. or 164. By this afterest tom we shall be able to stamp a greater quantity of sixth.

278. 1972 ARIAGAMA TOR 1. Pro 1. S. Horne, Toron, Nicharda, Soyl. 2. or 164. By the afterest town we shall be able to stamp a greater quantity of sixth.

278. 1972 ARIAGAMA TOR 1. The sixth of the sixth is completed we shall commence driving the 50 outle-cast and will sixth of the sixth. The sixth of the sixth is completed we shall commence driving the 50 outle-cast and will sixth of the sixth. The sixth of the sixth is completed we shall complete the shall be sixth in the lode is 2 feet wide, worth 8. per fathom, the lode is worth 8. per fathom, 1. The lot is of tree wells, and worth 8. per fathom is the lode is 2 feet wide, and worth 8. per fathom is the lode is 2 feet wide, and worth 8. per fathom is the lode is 2 feet wide, and worth 8. per fathom is the lode is 2 feet wide, and worth 8. per fathom is the lode is 2 feet wide, and worth 8. per fathom is the lode is 2 feet wide, and worth 8. per fathom is the lode is 2 feet wide, and worth 8. per fathom is the lode is 2 feet wide, and worth 8. per fathom is the lode is 2 feet wide, and worth 8. per fathom is the lode is 3 feet wide, and worth 8. per fathom is the lode is 2 feet wide, and 1. per fathom is 1.

a drawing-lift, and in the meantime fix as well a plunger-lift at the 24. In the 34 cast the entire lode is cut through, which is over a fit, wide, and as the slide is leaving the roof of the level the lode is getting more compact, and, as stated in our last report, produces good lumps of lead. Our tributers are working as usual.

TERRAS (Tin).—Martin Rickard, Sept. 7: We are getting pretty well through the elvan in the new engine-shaft, and the ground underneath the elvan is exceedingly good; the water increases daily, and we shall at once proceed with the putting down the pitwork, and start the engine. In the meantime the water will be kept out of the shaft by means of the herse-whim. The 20 fm. level cast, at Edward's, is without any particular alteration. The caunter lode at the 20, at Edward's, is maller than when last reported on, but yields fair quantities of fin. The ground in the new whim-shaft has improved, and the sinking is being proceeded with with greater facility; we shall reach the deep tramway level in about eight or ten days from the present time. The stope in the back of the deep level, on the clvan, produces fair quantities of the continues to yield well, and excellent tinstuff is being daily taken out of the bottom of the deep level, on the clvan, has yielding good tinstuff. The winze in the bottom of the deep level, on on its course; the shaft is about 7 inns, from surface, and is being urged on in order to get down, and then open on the course of the bottom of the good of the course of the loca. The result of the working on the new clvan is very satisfactory; it can be a surface, and is being urged on in order to get down, and then open on the course of the bottom. The standard of the working on the new clvan is very satisfactory; it ranway is being extended on its cossa, na nevery available means is being growers. The bottom of the engine will only the surface and the properties of the surface and the properties of the surface and the properties of the result of the surface and the prope

G. Rowe, Sept. 6: Tin Department: We have broken some fine stones of tin during the past week from the lode in driving west from the old workings, and also on the lode driving cast in the deep level; both points are looking well, and showing indications of improvement. We shall soon be ready with a small batch of tin for the market.

WEST BASSET.—J. Gilbert, Sept. 6: Grenville's Shaft: The lode in the 174, east of shaft, is producing good stones of copper ore and a little tin. The lode in the 174, west of shaft, is producing stones of copper ore. The lode in the 184, west of shaft, is worth for tin and copper 7t, per fathom. The lode in the 184, west of shaft, is worth for tin 6t, per fathom. New Lode: The lode in the 184, west of shaft, is worth for tin 8t, per fathom. Meet lode: The lode in the 194, east of shaft, is worth for tin 8t, per fathom. The lode in the 194, east of shaft, is worth for tin 8t, per fathom. The lode in the 194, east of shaft, is worth for tin 8t, per fathom. The lode in the 194, east of shaft, is worth for tin 8t, per fathom. The lode in the lode is also worth 8t, per fathom. There is no change to notice in any of the bargains on the flat lode. Our tribute pitches are producing their usual yquantitles of copper and tin.

WEST CARADON.—N. Richards, Sept. 3: The cutting down and timbering of Richards's shaft is being urged on with all possible dispatch. We are still driving the 66 fm. level cross-cut north, and shall soon prove whether there is a part of the lode before us or not. Allen's lode, in the 55, east of cross-course, of is improved, now worth from 1 to 1½ ton per fathom. The new lode cut north and shall soon prove whether there is a part of the lode before us or not. Allen's lode, in the 55, east of cross-course, of is improved, now worth from 1 to 1½ ton per fathom. The word olde cut north and the love of the lo now going down about perpendicular. We find it necessary to tak piece of the footwall before sinking any deeper; this we shall do as for

min exceed where the contract was a second according to the following th

has rather retarded our progress in rising. The tribute department is at present looking well,
WHEAL GRAMBLEE.—John Tregay, Sept. 7: The lode lately intersected in
deep addit level produces about 51, worth of tin per fathom, and from its underile forms a junction with horse-engine lode, about 20 fms, below this level,
We are pushing on the deep cross-cut with all speed, towards Fedn-an-drea
great north lode, and the ground is favourable for driving. No other changes
to report.

great north lode, and the ground is favourable for driving. No other changes to report.

WHEAL GRENVILLE,—G. R. Olgers, W. Bennetts: There is no change to notice in either of the cross-cuts north. The lode in the 110 east is 20 in, to 2 ft. wide, producing stamping work; the ground is getting easier, which is favourable for an improvement, and more especially as it approaches the tinground gone below the 100. The lode in the 100 east is 2 fect wide, and worth for tin 10t, per fathom. The lode in the winzo sinking below the 100 is worth fully 140t, per fathom. The lode in the winzo sinking below the 80 is worth 50t, 25t, and 15t, per fathom the time stope above this level (the 80) are worth 30t, 25t, and 15t, per fathom respectively. The lode in the 60, east and west, is worth 10t, per fathom mean.

Dropper: The two stopes above the 50 are worth fully left fathom.

330., 251., and 151. per fathom respectively. The lode in the 66, east and west, is worth 101, per fathom.—Dropper: The two stopes above the 50 are worth fully 121, per fathom each.

WHEAL KITTY (St. Agnes).—Stephen Davey, John Williams, Sept. 2: New Shatt—Pryor's Lode: The ground in this shaft, sinking below the 118, is hard and spare for sinking. In the 118, driving west of shaft, the lode is 27 ft. wide, worth for tin 141, per fathom. In the 118, driving cast of shaft, the lode is worth for tin 151, per fathom. In the 164, driving east of shaft, the lode is worth for tin 151, per fathom. In the 94, driving west of shaft, the lode is worth for tin 151, per fathom. In the 94, driving west of shaft, the lode is 24½ ft. wide, worth for tin 152, per fathom. In the cross-cut driving south of the 94 east the ground is much the same. We have commenced a rise in back of the 94 east the ground is much the same. We have commenced a rise in back of the 94 east the ground is much the same. We have commenced a rise in back of the 94 east the ground is much the same. We have commenced in the 164 ft apart of the lode is still to the south. The lode in the rise in back of the 34, east of shaft, is producing a little tin.—Old Lode in the 82 driving west of Holgato's shaft, the lode is poor. WHEAL LUCY.—J. Nancarrow, Sept. 6: I have examined this sett again to-day, and find that textends for about a milerin length, and half a mile in width, and contains several lodes, of which two only are yet being worked; there is also a separate deposit of the between these two lodes, from which upwards of 1001, worth of tin has recently been broken, showing the ground to be worth on an average 181, per fathom; there are six men driving east and west on this deposit in the adit, at 61, 102, per fathom, and it looks to-day quite as good as ever. The engine-shaft near the last-mentioned workings is cleared 5 fathoms below the adit; men are elgaged here, and we expect soon to reach the bottom, and resume the cutting down of this shaft above th

worked away from this shaft below the adit evidently for tin, of which we already see some, and expect to see more when these workings are cleared out. The principal lode seen is south of the engine-shaft, but underlies towards it. There are two stopes on this lode further east, about 90 fathoms apart. The east shaft is sinking by six men, at 61, per fathom; the lode is carried for 5 ft. wide, which is worth 151, per fathom, but no south walt is yet seen. The west shaft has yielded good the further, but no south walt is yet seen. The west shaft has yielded good the further, but no south walt is yet seen. The west shaft has yielded good the further east and for your man are here driving cast ward for yentilation. There is a cross-cut from the engine-shaft driving towards this lode by two men, at 90s, per fathom, and may have 20 fathoms more to reach it. There are two men driving west on a north lode, which contains a little tin, and there is tin in other lodes and branches near the sea—four men are clearing for the foundation of engine-house, &c., at \$2, 6d, per fathom, but the sand is rather deep. In addition to the foregoing there are men quarrying and spalling. Masons, carpenters, not smiths, altogether \$2 hands employed. The roof is being put on the accounthouse, and the engine-house will soon be commenced. The tinstuff is sampled to-day. I think the prospects very encouraging.

WHEAL PLENTY.—E. Borlase, Sept. 7: The lode in new shaft is worth 15t. per fathom. The horse-whim is nearly complete.

WHEAL SPARNON.—Wm. Tregay, Sept. 2: There is no change in the 5t cross-cut since last report; ground favourable for driving.

WHEAL UNY.—W. Rich, Matthew Rogers, S. Coade, jun., Sept. 2: We have made a communication between Hind's engine-shaft and the rise in the back of the 80 fm. level. The sinking of King's skip-shaft is being urged on as fast as possible. The stopes in the back of the 45, east of Goodinge's shaft, are worth 14t, per fathom. The 46 east is worth 12t, per fathom. The 60 east is worth 12t, per fatho

STEEL FROM SULPHUR WASTE.-A limited company is in course STEEL FROM SULPHUR WASTE.—A limited company is in course of formation in Liverpool to develope a new chemical process by which, through the use of peat, steel capable of taking the highest polish, and applicable to the manufacture of fancy buttons and similar articles, is produced direct from waste thrown out at sulphur works. The process and operations are likely to be carried on at the works of the Peat Engineering and Sewage Filtration Company at Horwich. Some further reference to this latter company will be found in another column of this day's Journal.

The American Bond and Shareholders' Association has been temporarily organised under the auspices of a number of gentlemen who have contributed towards the preliminary expenditure, the permanent committee to be elected by the annual subscribers on the second Tuesday in November in each year. It is urged that, excepting the bonds of the United States and those of a few of the individual States, very little is known in England respecting American securities. Even with regard to the bonds and shares of the oldest American reliberations of the control of t securities. Even with regard to the bonds and shares of the oldest American railway companies imperfect information exists, as by the numerous consolidations, amalgamations, re-organisations, and leases within the last three years their financial and commercial position has been greatly changed—some for better, some for worse. It is estimated that of American securities, other than those of the Federal Government, complete ignorance prevails here concerning at least 95 per cent. The figures of these general securities held in Europe in 1861 touched \$200,000,000; they now reach \$500,000,000, and more than one-half of the increase is in bonds and shares that have entailed losses upon European investors, and these losses have been sustained chiefly in England, hence the discredit that is attached to American securities that are not Federal issues. The American Bond and Shareholders' Association is organised to remedy this evil—to give securities of a sound character, whether State, county, municipal, railway, canal, or mining, fair play in the London market. It will be under the control of a committee of five gentlemen, well known in City circles, aided by intelligent American advisers, and its rooms (convenient to the Stock Exchange) will be open during business hours, and will be accessible to persons desiring information with respect to American financial matters. All persons who have been members of any of financial matters. All persons who have been members of any of the Stock Exchanges of Europe, and all bankers and merchants of the United Kingdom are eligible for membership upon the payment of two guineas in advance.

TERRAS.—The details of the first annual meeting appear in another column. During a period of little more than twelve months tin to the value of upwards of 2000l. has been sold, and after debiting all costs, a good balance remains in hand. Several satisfactory reports were submitted, made by well-known practical Cornish authorities, the value of which was increased by the opinions therein expressed being independent and disinterested. It will be seen that the manager states the mine presents very favourable prospects.

CARN BREA.—Since the declaration of the dividend of 2l. per share the price has fluctuated through market operations alone; the tone, however, is decidedly of a firm character, owing, no doubt, to the conservative manner in which the whole of the operations are being conducted, and also to the confidence placed in the management. Some idea of the value of this great property may be formed by the fact that at present there are no less than 21 productive points of operation, of the aggregate value of 263l. per fathom.

CLD TREPURGETT.—The directors and some of the principal share.

operation, of the aggregate value of 263l. per fathom.

OLD TREBURGETT.—The directors and some of the principal shareholders have lately visited the mine, and examined the workings and surface
operations for dressing the erc. They have all expressed great satisfaction at
the way the mine is being developed, and the early prospect of substantial returns being made. The 50 has now been reached, and is being cleared of debris;
reaching this point is very important, as it is said there is only another level
below, which was not driven far enough to intersect the shoot of ore taken away
in the workings above. Some very fine specimens of crystallised silver fablers
ore has been raised from the 29 south, which it is proposed to send to the Geological and British Museums. Another parcel of silver-lead ores is now being
prepared for market.

POLIBREEN (St. Agnes) — The managers of this mine evinced their

POLBREEN (St. Agnes).—The managers of this mine evinced their foresight by making their fourth sale of the on Thesday last, the day before the price dropped. A parcel of nearly 7 tons was sold, realising 801. 15s, per ton, the same as that obtained at the last sale in the beginning of July. Some spiendid specimens of the ore from this mine are now to be seen at the offices of Mr. Y. Christian, Royal Exchange.

UTAH .- We have been favoured with a private letter, which ap pears in another column. The greater value attaches to this com munication from the fact that the writer (Mr. Altman) is a mem ber of the State Legislature of Colorado, and has had many years' of practical mining experience. It may be mentioned that the old furnace is yielding large profits, and the additional furnaces are approaching completion. Important discoveries have been made since the mines became the property of the present company.

RICHMOND CONSOLIDATED.—A telegram has been received to the effect that the weekly yield amounted to \$29,000.

RICHMOND CONSOLIDATED.—A telegram has been received to the effect that the weekly yield amounted to \$29,000.

NEVADA.—The Eureka Sentinel says that two furnaces of the old and two of the new pattern of the Eureka Consolidated produced in 24 hours 43,210 lbs. of bullion, valued at \$390 per ton, making a total of \$8425 for the day's run. The bullion produced by four of the Eureka Consolidated Company's furnaces during the last 31 days was 526 tons, valued at \$220,000. This showing is largely in excess of any similar works of the same capacity in the United States, or on the Old Continent. The company disburses in this vicinity as expenses per month upwards of \$75,000. This expense includes the freighting of the above amount of bullion to the refinery, where it shipped for separation. Truly, the old Buckeye and Champion Mines are giving out profitably to he stockholders to "an alarming extent." It is supposed that a dividend of \$2.50 or \$3 per share will be declared for June and July. Everything about the mines and furnaces is ably carried on by its selentific and gentlemaniy general superintendent, Prof. Keyes, who has, by his energy and thorough understanding of the "situation." brought this company into such high repute that its stock will be largely sought after by home as well as foreign capitalists. These figures, of only one of our "institutions" in the smelting line, is a showing that places us in the front ranks, and one that all Eurekans may well feel proud of. Another, showing equally as good for its capacity, is that of the Richmond Consolidated Mining Company, which produced in 24 hours, ending on Aug. 3, 16,232 lbs., and ending on Aug. 7, 16,323 lbs. This is the largest amount of builion produced by any one furnace in the district from ore alone. The value of the builion exceeds \$100 per ton. We mentioned a few days since the sale of this valuable property to an English company in London. We are somewhat in a quandary to know whether to congratulate our home owners on this transaction of their appare

INVESTMENT CIRCULAR .- The September number of Mr. Thomas hompson, junior's, Investment Circular and Share List contains in addition a review of the markets, and abstract of reports on foreign mines, a long pries of mining notes, and articles on Silver Mining on Lake Superior, and on Phomeelans as Meialiurgists, all of which will be read with interest by inmiding investors.

# The Mining Market; Pnices of Metals, Ores, &c.

METAL MARKET-LONDON, SEPT. 8, 1871

-	
COPPER. £ s. d. £ s. d.	IBON. Per ton.
Best selectedp. ton 76 0 0- 78 0 0	Rars Welsh in London 7 15 0-8 0 0
Tough cake and tile 74 0 0- 76 0 0	Ditto, to arrive 7 15 0
Sheathing & sheets 76 0 0- 87 0 0	Nail rods 8 0 0
Bolts 79 0 0- 80 0 0	" Staffd, in London 8 15 0- 9 0 0
Bottoms 80 0 0- 83 0 0	Bars ., ditto 8 15 0-9 2 6
Old 60 0 0	Hoops ,, ditto 9 10 0-10 0 0
Burra Burra 76 0 0-	Bars ., at works., 8 0 0
Wireper lb. 0 0 934-10d.	Hoops ,, ditto 8 12 6
Tubes 0 0 10½-10¾d.	Sheets, single 10 5 0-10 10 0
BRASS. Per lb.	Pig No. 1, in Wales 4 5 0- 5 0 0
Sheets 8d834d.	Refined metal, ditto 4 0 0-5 0 0
Wire 8d	Bars, common ditto 6 17 6-7 0 0
Tubes 8d161/4d.	Do. mrch. Tyneor Tees 7 10 0- 7 15 0
	Do., railway, in Wales 7 0 0-7 10 0
Yellow Metal Sheathing 634d71/4d.	Do., Swed. in London. 10 2 6
Sheets 6½d7d.	To arrive 9 17 6-10 0 0
SPELTER. Per ton.	Pig, No. 1, in Clyde 3 3 0- 3 10 0
Foreign on the spot £18 0 0-18 10 0	Do. f.o.b. Tyne or Tees 2 9 6
	Do. Nos. 3,4,f.o.b. do. 2 6 6-2 7 0
, to arrive 18 5 0	Railway chairs 5 17 0- 6 0 0
ZING.	" spikes11 0 0-12 0 0
In sheets 24 10 0	Indian Charcoal Pigs.
QUICKSILVER (p.bot.)£11 0 0	in London, p. ton., 6 5 0-6 10 0
English blocks £134 0 0-135 0 0	STEEL. Per ton.
	Swed., in kegs(rolled)12 5 0-13 0 0
	,, (hammered) 13 0 0-14 0 0
	Ditto, in faggots15 0 0-16 0 0
Straits 129 0 0-130 0 0	English, spring17 0 0-23 0 0
DUINIUM 120 0 0 100 0 .	
TIN-PLATES.* Per box.	LEAD. Per ton.
	English Pig, com18 0 0
	Ditto, LB
IC Ditto, 2d quality., 1 7 6-1 8 0	Ditto, WB Nominal.
IX Ditto, 2d quality 1 13 6- 1 14 0	Ditto, sheet18 5 0-18 10 0
	Ditto, red lead20 10 0
	Ditto, white28 0 0-30 0 0
	Ditto, patent shot 20 5 0
Ditto, at works 13 10 0-14 0 0	Spanish 17 10 0

\* At the works, 1s. to 1s. 6d. per box less. Terne-plates 2s. per box below tin-plates of similar brand.

REMARKS.-The general condition of our markets is good, and providing no unforseen event arises to interfere with the course of affairs, the security of their position is apparently removed beyon The anticipations of improvement are we'll founded all doubt. The anticipations of improvement are well founded, and any further procrastination on the part of buyers to avail themselves of the present favourable opportunity for seeming their probable requirements can only jeopardise their interests. The advisability of immediately giving out orders cannot be too strongly recommended, as the termination of the duil season is fast approaching, which will doubtless be succeeded by a more rapid resuestiation in most branches of business than at first imagined, and also be instrumental in enabling sellers to realise enhanced prices. The late quictude has, in some instances, proved rather a severe test to the equanimity of prices, but the uniform steadiness with which they have been maintained is an undoubted confirmation of their strength, and a good criterion as to their future tendency.

COPPER.—Although orders have not been given out quite so freely as could be wished, yet there has been sufficient doing to need no fur-

COPPER,—Although orders have not been given out quite so freely as could be wished, yet there has been sufficient doing to need no further concessions from smelters; indeed, where business could be transacted last week it is now impracticable at previous prices. India sheets were taken at 75%, but indents at these limits have since been declined, and the majority of sellers hold for 77%. There is already a slight favourable turn in the demand for both wrought and unwrought, and it is pretty ordent that the most critical period of the market has passed away. Telegrams are arriving from the East with improved limits, and this looks well for the future. As already shown, there are large deficiencies for these parts to be made up during the remaining part of this year. The home trade is also improving, and deliveries are beginning to become pressing; in fact, reports from nearly all quarters are of a progressive character, and there are good prospects of a lively market ensuing. What is chiefly wanting is to restore confidence. Both buyers and sellers for some years past have exhibited such an utter want of confidence in the prices of this metal that it is not surprising there should be some difficulty expert need in re-establishing implicit faith, but as soon as this long-prevailing distrust is removed it will pave the way for higher prices. The movement should certainly first come from sellers; and when only the market of the progression of the progression of the prices of this metal that it is not surprising there buyers understand that they can no longer rule the market by dictating their own terms they will not bestate then so much in buying, and business will flow in more smoothly and regularly. Consumers, whoesatock are very reduced will buy not only for immediate use, but will provide against future wants by keeping a little by them in reserve; and when once this feeling becomes general, as it certainly will sooner or later, up will go the price, such being the course which experience not unfrequently shows as could be wished, yet there has been sufficient doing to need no f

Australian cake, 761, 10s.
YELLOW METAL has been more enquired for, and sellers are firmer in their rates; 64 for 4 by 4 sheets is now exceptional; 65 to 63 is

in their rates; 64 for 4 by 4 sheets is now exceptional; 65 to 65 is the current quotation.

IRON.—A few large orders have been placed for rails for the American market. Light rails continue in good demand, and as high as 7l. 7s. 6d. paid for delivery at the works. Welsh merchant bars are advancing, and, before making a price, ironmasters prefer seeing the issue of the Staffordshire meetings. The London firms scarcely know how to act, and mostly decline for the present quoting prices and taking any risk about delivery. A large quantity of various kinds of fron is required by the dealers, whoso stocks are getting very low. The unsettled state of the Staffordshire districts causes inconvenience; sellers, on the one hand, are timid of taking orders or fixing time of delivery, and buyers, acting on the cautious side, do not like paying in advance of the recognised list prices; so between the two little is being done. The ironmasters, however, having plenty of work to go on with, are consequently perfectly indifferent for the time being; but those buyers who are waiting for supplies and cannot even place their orders find it most provoking to be obliged to wait so long in doubt. The present state of things is certainly attended with a vast deal of trouble and vexations delay, and the sooner an amicable settlement is arrived at the better. Whether the millimen succeed in obtaining their increase of wages or not, sellers seem bont upon endeavouring to force rates up a further ics, per ton. Several of the London firms have already declared this additional advance, and, with regard to hoops, talk of an eventual rise of 30s, upon this description of iron. There has been a very satisfactory business doing in iron, and any moderate rise is not likely to check the demand; but so great an advance, and, with regard to hoops, talk of an eventual rise of 30s, upon this description of iron. There has been a very satisfactory business doing in iron, and seliers may find to their cost that they have attempted a little too much. A

186., special brands 28, od. to 08. dearer, who scarce, and very dim-cult to secure within any reasonable time.

SPELTER.—The enquiries for foreign are limited, and the market throughout the week has been wanting in animation. Hard is not quite so firm, the last accounts from Calcutta reporting lower rates. Stock in London, 3747 tons.

QUICKSILVER.—A further rise has been announced in this metal, and even now only very small quantities can be procured. Holders

not under 111. pe decline selling more than 25 bottles at a time—not under 11*l*, per bottle; the reason of this may not arise so much from short supplies as to prevent speculation in the article, and avoid competition hereafter. As the control of the market is entirely in the power of one house, it is impossible to foresee the future price. According to the value fixed a short time since—12*l*.—there is no doubt it will shortly reach that if not a higher figure. Shipments are limited, owing to the dearness of the price, and the consumption both at home and abroad may be greatly interrupted thereby.

TIN.—English has again further receded, sales of blocks having been effected at 134*l*., being a reduction of 1*l*. to 2*l*. upon last week's quotation. Foreign has also slightly given way, a small quantity of Streit's having changed hands at 1292, 102. but the principal holders. decline selling more than 25 bottles at a time

quotation. Toreign has also singuity given way, a small quantity of Straits having changed hands at 1294, 10s., but the principal holders prefer waiting to see the result of the Banca sale in Holland on Sept. 29 before selling any large quantity, besides it would be very difficult to sell large parcels unless a good concession was submitted to, buyers being by no means eager to increase stock at the present high rates. The increasing domand for tin-plate purposes will tend to give support to the market, and no material decline in value can be anticinated.

riposes will tend to give support to the market, and a continue the deliberation of th and for charcoal for America is especially good. Prices are maintained with firmness for both coke and charcoal.

STEEL,-There is no change to report, the orders for steel rails

cannot be executed with sufficient dispatch to meet buyers' require-ments. Forcign is still neglected, although the advices from India are less unfavourable than for some time past.

COPPER.—Messrs, James and Shakspeare—About 2200 tons of regulus for Swansca delivery have been taken by the smelters there at 13s. 3d. per unit, and in Liverpool 3d. more was paid yesterday for about 700 tons. In bars a large business has been done at 66f. 10s. to 67f. for Lota; 67f. for Inclusive at 13s. 3d. per unit, and in Liverpool 3d. more was paid yesterday for about 700 tons. In bars a large business has been done at 66f. 10s. to 67f. for Lota; 67f. for Inclusive at 13s. 3d. per unit, and 67f. 15s. for ordinary brands; 69f. for J. Edwards; the saless were chiefly of Lota and Urmeneta, and it has transpired that about 900 tons of the latter brand were taken at the figure mentioned, for delivery during the last three months of the present year. It is difficult to assign any particular reason for this improvement, but both consumers and exporters seem to have felt that prices were reasonable, and were anxious to secure a fair stock on model, for the first proved about 10s. per ton, though the advance asked has not yet been paid. There is also more doing in Australian sorts, and about 400 tons Wailaroo have been placed at a trifle below our list quotations. English is likewise in better demand, as far as regards raw sorts, but manufactured, especially of dimensions suited to Eastern markets, continues very duli of sale.

Messrs. Vivian, Younger, and Bond—We have to report a const.

Messrs. Vivian, Younger, and Bond—We have to report a considerable movement in all sorts of copper since our last circular was written. The business done has been large, and the prices of Chill produce have activanced. About 1600 tons of Chill bars have changed hands, at from 661 lot, 671. 5s. for Lots, 681. for good ordinary brands, and 691. for J. Edwards. We close with buyers at the highest rates. About 2:00 tons of regulus were taken by Swansea smelters at 13s. 9d., since which 14s. has been paid for a Liverpool cargo to arrivo, the same figure being offered for spot stuff and rulesd. A moderate trade is doing in Wallarco, at 761. to 761. 10s., but other fine foreign copper is neglected. For English sorts the enquiries have been numerous, and at 21. under official quotations some heavy contracts have been entered into by the trade, but advance on these rates is now demanded.

at 2. under official quotations some heavy contracts have been entered into by the trade, but advance on these rates is now demanded.

A drop of 2l. per ton in the price of tin has rather added to the depression of the MINING SHARE MARKET this week, and business transactions, except in one or two mines where great fluctuations have taken place, have been of limited extent. The mine shares mostly dealt in have been those of Carn Brea, West Frances, West Basset, South Condurrow, Wheal Grenville, Utah, Pacific, Eber, hardt and Aurora, East Lovell, Dolcoath, South Frances, Great Vor, West Caradon, West Chiverton, Prince of Wales, East Van, and a few others. Carn Brea shares, which at our last had declined to 130, rose early in the week to 145, and, after various fluctuations, leave off 140 to 145. East Lovell shares had suddenly risen to 14, but they soon declined to 11, 12, and leave off 12, 13; at the meeting the accounts showed tin sold for the quarter 26,32l, 4s, 11d., and a balance in hand of 1721l. 17s. 1d., out of which the dividend of 12s. 6d. per share was declared. The costs to May amounted to 1251l, 14s. 4d. The report states that shortly after the last meeting the castern tin ground about the 80 unexpectedly failed, and greatly lessened the returns of tin. The western winze from the 70 has been communicated to the 80, and sinking below the 80 has been communicated to 47; at the meeting, the accounts presented showed a profit of 10,613l, on the quarter, and a dividend of 9000l. (1l, 10s, per share), together with a bonu; of 1500l. (5s. per share), was declared, leaving 836l, to the credit of next account. The mine nere looked better, and the prospects are considered very good for many years to come. The winze sinking below the 222 is worth 120l, per fathom. At North Levant meeting the accounts showed a balance in hand of 1723l. in favour of the adventurers, and a dividend of 15s, per share was declared, and a balance of 223l, carried forward. The mine is reported as looking well, and an additional 16 hea

years to come. The winzo sinking below the 222 is worth 1201 per fathom. At North Levant mecting the accounts showed a balance in hand of 17231, in favour of the adventurers, and a dividend of 15s. per share was declared, and a balance of 2234, carried forward. The mine is reported as looking well, and an additional 16 heads of stamps are to be erected. South Frances, 49 to 51; at the meeting the accounts showed a profit on the two months of June and Julya 351, 16\*, and a credit balance of 6824, 13s, 10d. The copper ores sold realised 3384, 18s, 3d.; tin, 16034, 17s, 1d. The small tin sales have been owing to the damage to the boiler, and the length of time occupied in repairing it, which caused 16 heads of stamps to be idle for a month. As the repairs are now complete, the returns in the next account will be correspondingly increased. West Caradon shares have advanced to 2½ to 2½; the north part of Alleu's bold, in the 6th has been cut, worth 3 tons per fathom. Wheal Mary Ann, 7 to 8; at the meeting, held on Tuesday, a call of 1/6, per share was made, to cover the anticipated purchase of Wheal Trelawny mine material, &c., estimated at 30004. In addition to the call, the sum usually appropriated to the quarterly dividend will be reserved for the same purpose. The accounts show a profit of 6032, 8s, 4d, on the quarter, and a balance carried forward, irrespective of the call, of 21571.78, Dividends, it is expected, will be resumed at the next or subsequent meeting. Wheal Lucy, 3 to 3½.

Bronfloyd stock, 105 to 110. We understand Hodgson's Wire Tramway Company is erecting its patent apparatus from the dressing-floor, a distance of 1260 yards, which will be a practical test of its value for the removal of mine produce. The advantage of this mode of transit in the case of Bronfloyd will be apparent when it is known that it will save the slow and expensive draught up a very step is cline of 268 feet immediately out of the works, and a similar descent to the level of the main road at Penrhyneoch. Blaen Caelan, 11 to 1

Mining Sh Mark the Stock The Market for Mining Shares on the Stock Exchange has exhibited a considerable degree of activity, especially for Utah share, which on very favourable advices, have improved to 17t. buyers, and a large business has been transacted. A telegram received yeterday gives as the result of the week's operations 21 tons of bullion, valued at \$187 per ton, or 785t, 8s.; this is from the old funce. Good progress is being made with the new furnaces, which are expected to be completed this month. Eberhardt shares, after having been flatter, close firm at 36 to 38. A remittance of 9000, has been made within the past few days. Large profits are now being realised, 100 heads of stamps being at work. Pacific addiess are very good, the late great advance has, no doubt, induced a few Utah shares being realised, 100 heads of stamps being at work. Pacific advices are very good, the late great advance has, no doubt, induced a few cheap purchasers to realise. About 2000% in silver bars is on it way to this country, and it is expected that regular and large returns will now be made. The accounts from Sierra Buttes show a net profit on the month's clean-up of \$15,998; shares are at 4½ to 5. Sweetland Creek and Birdseye shares remain steady at former prices. A very fair business has been transacted, especially in Sweetland. The works in progress in each of these mines are being pushed of with the utmost speed.

British mine shares, with the exception of Van and Pennstlef,

TI are n 126s. Me tions : secure lery, 1 full of ATION an an the pa gradus ments, The se of the finery, possible

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general pur bany Railro Atlantic Ra ken in the The CAR formed, with for 8500%, th armarthen former prop 10,000*l*, wor evel yielded The late Mr. e of the Waters reportield for 20 tons per fa ng the past continuation press equal pired, at 1. expected a found in a

The EAST

lability, for the se he terms of olders are to atent of one-4l. paid in number travistrict is atatons sterling, le sett for aboundary on tersected at years, at 200 years, at 20 e reduced to I lill copper load Co.'s assay ports of Capt alue of the n orking miners

en discor such as to ju have had a somewhat drooping tendency, principally owing to the absence of dealings. The holiday season, however, being now in some degree over, a fresh Impetus will undoubtedly be given to mining enterprises generally. At Van Mine the special reports of Messrs. Arthur Waters and Walter Eady, published recently, are being fully confirmed in the actual working. The lode in the winze, 45 fathoms cast of the shaft sinking under the 15, is laying open the richest course of ore yet seen in this extraordinary mine. The reports from East Van are of a highly favourable character, and the manager of Van, in his advices to-day, expresses a confident opinion that East Van will shortly prove a formidable rival to its rich neighbour on the west. The report from Roman Gravels still continues good, and shares command attention at an advance. Tankerville shares are without quotable change, and West Tankerville shares are improved. Bog and Perkins Beach are unchanged. The Pennerley report (which will be found in another column) is the best yet received, and speaks well for the future of the company. Important discoveries have been made, and others are expected at an early date.

This mines there has been less activity, in consequence of a further

portant discoveries and the process of a further deeline in the price of tin. At Tincroft a dividend has been declared of 35s., and a favourable report has been issued to the adventurers. Carn Breas have recovered from the recent fall. The following are the closing quotations:—Assheton, 4½ to 5; Devon Great Consols, 9½ to 102½; East Lovell, 12 to 12½; Great Vor, 9½ to 9½; Great Laxey, 16½ to 17½; Marke Valley, 5½ to 6; Tankerville, 16½ to 17; Tincroft, 46 to 48; Van, 56 to 58; East Van, 12½ to 13; West Chiverton, 15 to 17; Bog, 2½ to 2½; Pennerley, 3½ to 4½; Perkins Beach, 1½ to 1½; Roman Gravels, 18½ to 19½; Almada, 1 to 1½; Birdseye Creek, 4 to 4½; Cape Copper, 9½ to 10 prem.; Colorado Terrible, 5½ to 6; Don Pedro, 2½ to 3 prem.; Eberhardt and Aurora, 36 to 4½; ex div.; South Aurora, 3½ to 3½; Silver Plume, 2½ to 3½; United Mexican, 3½ to 3½; and Utah, 16½ to 17½.

TIN.—The Standards of Tin Ore were reduced on Wednesday, and are now as follows: -Common, 124s.; superior common, 125s,; fine, 126s.; superior fine, 127s.

Messrs, Blyth and Co., 17, Gracechurch-street, are inviting subscriptions for 1600 TWELVE PER CENT. FIRST MORTGAGE DEBENTURE Messrs. Blyth and Co., 17, Maccentant-stee, are thing satisfies for 1600 TweLve Per Cert. First Mortgage Debenture Bonds of 100l. each, payable to bearer (and redeemable at 110l. each), secured by a first charge upon nine large productive oil wells, distillery, machinery, plant, and 1118 acres of freehold oil lands, now in full operation, and belonging to the Canadian Oil Works Corporation, which has a capital of 340,000l., and is at present earning an annual profit of upwards of 100,000l. As the amount required for the payment of the interest and the redemption of the bonds, with the redemption bonus, will not exceed 53,000l. per annum, which will gradually diminish, there will be ample funds to meet all requirements, and leave a large surplus for dividend on the share enpital. The set of wells to be acquired by the corporation is described as one of the largest and most complete in Canada, and the distiliery, refacet, plant, machinery, effects, and stock-in-trade are all in the best possible condition for carrying on a large and lucrative business. Three of the company's wells—Gen, Eclipse, and Moonlight—opened in 1866, have produced 562,817 barrels of oil, and the quality is so high that it commands a higher price in the market than any other this the equality. Two others, sauk in 1867, have yielded upwards. in 1866, have produced 502,817 parrels of oil, and the quality is so high that it commands a higher price in the market than any other oil in the country. Two others, sunk in 1867, have yielded upwards of 336,360 barrels; and the other four, although only sunk within the last few months, have already yielded 69,649 barrels. The combined wells are now yielding an average of 800 barrels per day. These facts are vouched for by the reports of the provincial Government Surveyor, Mr. J. J. Francis, made under the personal direction. These facts are vouched for by the reports of the provincial Government Surveyor, Mr. J. J. Francis, made under the personal direction of H.B.M. Consul at Buffalo. It is a noteworthy fact that of all the chief producing wells of this district yet sunk none have ceased yielding oil, although some have been in active operation for more than six years. We are informed that the corporation have made arrangements with Messrs. Frederick Huth and Co. to undertake the commercial agency of the undertaking. The prospectus will be found in seather column.

another column.

The KANSAS MINING COMPANY (the prospectus of which appears in another column), has been formed, with a capital of 55,000L, in 11,000 shares, of 5L each, to acquire and work a mine situated in the Nevada mining district of Colorado. The property comprises an extent of 400 feet in length of the well-known Kansas ledge. Mr. Robinson, M. Inst. C.E., F.G.S. (Messrs. Shelford and Robinson), describes the property as situated on one of the most important veins in the chief centre of Colorado gold mining. It is a true fissure vein, rich in gold and silver, in combination chiefly with galena, &c. It is estimated that 420 fms. of ore ground are available, which is vein, rich in gold and silver, in combination chiefly with galena, &c it is estimated that 420 fms. of ore ground are available, which is equivalent to 8400 tons, of the net value of 20,000*l*, which could be realised in a few months. During the extraction of these reserves it is proposed to extend the explorations, by which it is calculated the mine will yield a net profit of 25,000*l*, per annum. The books of the late owners show that 150 ft, yielded between May 1 and July 16 the sum of 6785*l*. The directors are influential members of

The Imperial Bank is instructed to receive subsciptions for \$1,460,000 STATE OF GEORGIA, UNITED STATES, SEVEN PER CENT STATE BONDS to bearer, of \$1000 each bond. Payable principal and interest in gold coin. The issue price, 1751. 10s. sterling, per bond of \$1000, being at the rate of 78 per cent., 4s. 6d. per dollar, and yielding 8 per cent. per annum on the investment. The present is the balance of a total issue of \$3,880,000 bonds created for the general purposes of the State, and in aid of the Brunswick and Albany Railroad Company, and the completion of the Western and Atlantic Railroad, now owned by the State; \$2,480,000 having been taken in the United States and in Europo. The Imperial Bank is instructed to receive subscriptions for 1.460.000 STATE OF GEORGIA, UNITED STATES, SEVEN PER CENT.

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taken in the United States and in Europe.

The Carmarthen Silver-Lead Mining Company has been formed, with a capital of 25,000L, in shares of 51. each, to acquire, for 850U, the leases of valuable silver-lead mines, situated at Trelech, Carmarthenshire, and for working the same. It is stated that the former proprietors, with less than 1000L capital, raised from one lode 10,000L worth of ore, and that the stopes at the bottom of the 54 fm. level yielded 2½ tons per fathom; the mines were then abandoned. The late Mr. Evan Hopkins described the formation as embracing one of the best metalliferous ranges in the Principality. Captain Waters reports, with regard to recent operations, that the average yield for 20 fms. long, between the 42 and 54 fm. levels, has been 2 tons per fathom, four men getting therefrom 18 tons monthly during the past year. The rock is of a splendid character, and warrants a continuation of the ore downwards. Captains Sanders and Paull express equally favourable opinions. The lease is for 18 years unstylied, at 1-20th royalty, and it is considered that dividends may be expected as soon as the second lode is cut. The prospectus will be found in another column. expected as soon as the se found in another column.

The EAST BOTTLE HILL MINING COMPANY, with a capital of 0,000L, in shares of 5L each, has been incorporated with limited lability, for the purpose of taking over and further developing the also of the same name hitherto worked by the cost-book company. liability, for the purpose of taking over and further developing the alise of the same name hitherto worked by the cost-book company. The terms of purchase are very favourable; the cost-book share-solders are to receive fully-paid shares in the new company to the xtent of one-half of their present holding, and shares considered at 41. paid in respect of the remaining half. The lodes are seven a number traversing the property. The Great Champion lode of the listicities tasted to have returned ores to the value of about two milions sterling, and it will be seen from the reports that it traverses he sett for about 400 fms. A great quantity of tin ground is already pened up on Nos. 3 and 4 lodes, and No. 5 tin lode will shortly be netsected at the depth of 40 fms. from surface. The sett is held for Jears, at 201, per annum rental, merging into 1-18th royalty, to reduced to 1-20th when the engine is creeted. Ore from the Bottle lill copper lode yielded, according to Messrs, Johnson, Matthey, reduced to 1-20th when the engine is creeted. Ore from the Bottle lill copper lode yielded, according to Messrs. Johnson, Matthey, and Co.'s assay, from 29 to 5 per cent., whilst samples from other arts of the mine gave 19, 9, 8, 3, and 4 per cent. respectively. The ports of Capts. Gregory and Eddy are highly favourable, and the like of the mine is confirmed by Messrs. Fozzey and Jones, two orking miners, whose reports (made since the Great Champion lode as been discovered) show that great results may be looked forward, such as to justify the directors in their belief that they possess a

mining property of very great value for careful development. The prospectus will be found in another column.

At the Wheal Mary Hutchings United Mining Company quarterly meeting, on Aug. 30, the three months' accounts, to end of July, showed a profit of 2821. 6s., and a credit balance of 7361. 18s. 5d. The report of the manager, Capt. H. Miners, was considered very satisfactory. It was proposed by Captain Tom, seconded by Mr. A. Broad, and carried, that a dividend of 7s. 6d. per share be paid to the shareholders. The salary of the manager, Capt. H. Miners, was increased to 121. 12s. per mouth. The tin sold during the last quarter, 17 tons 2 cwts. 0 qr. 3 lbs., realised 14101. 4s. 10d.

At Cashwell Mine meeting, on Aug. 31 (Mr. John Clarke in the chair), the accounts showed a credit balance of 1306, 17s. 4d. A dividend of 1120l. (3s. 6d. per share) was declared, and a gratuity of 28L was voted to Capt. John Peart. Messrs. J. Clarke and W. C. Arnison were re-elected directors, and the same fees as last year were voted. Captail John Peart reported upon the various points of operation. The mine is very good, the headings in the Scar limestone looking well, and having good ore in the plat. He thinks the shareholders have every reason to congratulate themselves on the value of the mine.

olders have every reason to congratulate themselves on the value of the mine. At South Wheal Frances meeting, on Monday, the accounts for June and July showed a profit of \$51. 16s., and a credit balance of \$891. 13s. 10d. The committee, in alluding to the report of the agents, touching the damage to and length of time occupied in repairing the boiler, deem tright to impress on the shareholders, for their satisfaction, that this casualty, by compelling sixteen heads of stamps to be idle a month, is the sole cause of the return of tin for the past two months being reduced, and the profit so small. The repairs, lowever, being now effectually completed, and the new drawing appliance at Pascoe's shaft in active preparation, the returns for next account will be correspondingly increased. [The agents' report is among the Mining Correspondence.]

East Bottle Hill Mining Company shares are quoted 6½ to 7. Carmarthen Silver-Lead Mine shares were dealt in yesterday (Fri-

(y) at 1½ prem. The shares of the Mineral Hill Silver Mines Company (Limited)

are 17¼ to 17½ per share, and the debentures (01 to 102).

South Aurora are very firm at 3¼ to 4½ per share, on rumours of satisfactory reports from the mine.

\* With this week's Journal a SUPPLEMENTAL SHEET is given, which With this week's Journal a SUPPLEMENTAL SHEET is given, which contains—Original Correspondence: A Day with the South Staffordshire and North of England Mining Engineers; Royal School of Mines (L. Gordou); Suggestion for a Model Colliery; Prof. Jevans on the Report of the Royal Commissioners; Royal Commissioner (Sammatt); Boring Machines in Mines (G. Rickard); Gases in Metallic Mines (W. C. Bew); American Mining, and English Capital; Gold Mining in New Zealand (J. Thomas); Mining in the Yellow Pine District (J. White); "The Times," and the Eberhardt Mine; Silver Mines of New Mexico; Mining Mysteries; Miners' Wages; South Liburne Mine (J. Kemp); Queen and Virtuous Lady Mines; Utah Mining Company—Excersions of the Iron and Steel Institute, the Northern Mining Engineers, and the South Staffordshire and East Worcestershire Institute—Oil Wells in Canada—Mineral Resources of New Zealand—Peat, and Peat Charcoal—Mining Tools, their Maunfacture and Uses—Bankart's Pateer Furnace for Roasting Silver Ores (illustrated)—Foreign Mining and Metallurgy—Foreign and Colonial Mines Reports—Patent Matters, &c.

#### STRATHDON HEMATITE ORES.

THE PROPRIETORS of ALLARGUE, in the parish of STRATHDON, and county of ABEDDEEN, are prepared to entertain PROPOSALS for a LEASE for RESUMING MINING OPERATIONS in this field.

Application may be made to MILNE and WALKER, Advocates, 16, Union

A N ENGLISH GENTLEMAN will shortly arrive in London who has VISITED and INSPECTED several of these mines, and will be PREPARED to OFFER some GOOD PROPERTIES at LOW PRICES. Parties desiring to purchase can apply to "A. P.," MINING JOURNAL Office, 26, Ficet-street. COLORADO GOLD AND SILVER MINING DISTRICT.

CASHIER, OR MANAGER.

OASHIER, OR MANAGER.

A GENTLEMAN, who has filled his present position as above in a large Manufacturing Concern for the past five years, is OPEN to a SEW ENGAGEMENT. Highest testimonials and references. Security given. Address, "B. S. J.," MINING JOURNAL Office, 26, Fleet-street, London, September 4, 1871.

A MINING ENGINEER, of large experience, OFFERS his SERVICES to anyone requiring REPORTS, VALUATIONS, PLANS, ESTIMATES, OF ADVICE of any kind as to the OPENING OUT OF WORKING of MINERALS at home or abroad.

ALS at home or abroad. "C.V. and M.E.," MINING JOURNAL Office, 26, Fleet-street, E.C.

TO MINING AND OTHER COMPANIES.

A SECRETARY of a PUBLIC COMPANY, of many years' experience, is prepared to OFFER his SERVICES as SECRETARY to an additional MINING or OTHER COMPANY, together with joint occupation of excellent offices in the heart of the City. Considerable saving can be effected by a company adopting this arrangement.

Terms upon application, by letter only, to "Secretary," care of Messrs. J. Burbidge and Co., 35A, Moorgate-street.

WORKING FOREMAN WANTED, for an IRON MINE in CORNWALL. Must understand the Working of Iron Mines. Apply, giving references, and stating wages, to WM. SLATER, 9B, New Broadstreet, London.

WANTED, a SITUATION, to TAKE CHARGE of a LEAD W MINE, by one who has had extensive experience, and thoroughly understands Dialling, Mapping, and Assaying, together with every other branch connected with Mining.

Testimoutals and references can be produced from high authorities.
Address, "A. B. I. O.," Times Office, Douglas, Isle of Man.

[The Advertiser knows of a VALUABLE PIECE of MINERAL GROUND on the Island, which he could secure; but, as he requires some little assistance, would like to correspond with parties who are disposed to assist in its development.]

WANTED, to proceed to SIAM, a MINE AGENT, who has had V experience in Working Gold Quartz, either in Australia or California. A liberal salary will be given to a person competent to creet and work the necessary machinery.

Apply by letter, with testimonials, to J. ARTHUR PHILLIPS, Cressington Park, Algburth, Liverpool.

WANTED, a SITUATION as VIEWER or RESIDENT VIEWER. Can be well recommended by several leading Mining Address, "T. A.," MINING JOURNAL Office, 26, Fleet-street, London.

WANTED, a THOROUGHLY EXPERIENCED MANAGER for a SILVER-LEAD MINE on the Continent. State salary required Address, "A. B.," Messrs. Whitehead, Morris, and Lowe, 168, Fenchurch-street, E. C.

WANTED, by a Gentleman who has an extensive acquaintance with Birmingham manufacturers, a COMMISSION for the SALE of COPPER, SPELTER, TIN, and TIN PLATES.

Apply by letter to "M.," New Club, Birmingham.

ANTED, a STEAM PUMPING ENGINE, of from 40 to 50-lnch cylinder, with BOILERS, &c., complete, and not less than 12-inch pitwork.
Tenders to be sent to Mr. R. EMERSON, 71 and 72, Bishopsgate-street Within, London, E.C.

TRANNACK TIN AND COPPER MINE. WANTED, FIFTY to ONE HUNDRED SHARES, £5 paid, Apply to "O. B.," MINING JOURNAL Office, 26, Fleet-atreet, London.

WANTED TO LET, immediately, in the Parish of Harberton, near Totnes, Devon, PART of a NEW SLATE QUARRY (called Hardy's Dattins), according to arrangements as may be agreed upon. Quality very superior, of dark blue rock. Sole leasee, Miss Catherine Hardy. The proprietor, Mr. B. J. Hardy, will grant an additional lease for any period the company wish.

wish. Address, Miss Catherine Hardy, or Mr. R. J. Hardy, Merchant, Harberton, near Totnes, Devon.

TO CONCESSIONAIRES, PROMOTERS, AND FINANCIERS. SHARES IN NEW ENTERPRISES SUCCESSFULLY INFLUENCED AND PLACED. Address, in perfect confidence, "Operator," care of John Baptlat Wolpert, Advertising Agent, 24, Austinfriars, E.C.

FOR SALE, separately, at reduced prices, the VALUABLE TOOLS and OTHER APPLIANCES used at New Dock Works, Leeds, in the manufacture of railway plant, wagon and carriage building, general engineering, &c., &c.

gineering, &c., &c. For prices and particulars, apply to Mr. James Powell, Consulting Engineer and Valuer of Engineering Plant, &c., 80, Basinghall-street, Leeds.

MR. W. E. JOHNSON (late Secretary of the Mining Exchange)
begs to OFFER his SERVICES to the public in the PURCHASE and
SALE of STOCKS and SHARES in MINES, RAILWAYS, FOREIGN BONDS,
&c. Having had over 17 years' experience, and a thorough knowledge of the
bushiess, is in a position to act advantageously for bis clients.

19, Pinner's-hall, Old Broad-street, London, September, 1871.

#### ZINC AND LEAD ORES.

I AM PAYING as follows :-

BLENDE.—135s. for 63 units of zinc, deducting 3s. 5d. per unit below. CALAMINE-10s. more than for blende.

LEAD-SILVER ORES.—215s. for 85 units of lead, deducting 3s. 3d. per unit below, all the silver being paid extra 5s. per ounce troy. ZINC AND LEAD ORES MIXED TOGETHER.—Very high prices.

The above prices are fixed for a ton (20 cwts.) of ore, f.o.b. at Antwerp. I BUY any quantities, however large, contracting for as many years as desired. Particulars by letter.

ARMAND FALLIZE, Ingénieur, à Liège (Belgium).

TO COAL MERCHANTS, AND OTHERS.

THE TUNBRIDGE WELLS LOCAL BOARD are ready to
RECEIVE TENDERS for the SUPPLY of from TWO HUNDRED to
THREE HUNDRED TONS of hand-picked STEAM COALS, from the follow-

FHREE HUNDRED TONS of hand-picked STEAM COALS, from the followny veins:

NIXON, TAYLOR, AND CORY'S "NAVIGATION."

POWELL'S "DUFFRYN."

FOTHERGILL'S "ABERDARE."

M. JUNE'S "MANTMELLYN."

WAYNE'S "MARTHYR."

DAVIRS' "BLAENGWAWR."

INSOLES AND SON'S ABERAMAN "MERTHYR."

DERBYSHIRE STEAM COALS.

TANFIELD MOOR COALS.

The same to be delivered at the Waterworks, at Pembury, Kent, in accordince with the orders of the engineer.

Tenders to be sent in by Saturday, the 16th September, 1871.

The lowest, or any tender, will not necessarily be accepted.

Address for further particulars to—

THOMAS LEWIS, Clerk to the Local Board,

29th August, 1871.

Town Hall, Tanbridge Wells.

TECHNICAL EDUCATION

ROYAL COLLEGE OF SCIENCE FOR IRELAND, STEPHEN'S GREEN, DUBLIN.

SESSION 1871-72. This College supplies, as far as practicable, a complete Course of Instruction in Science applicable to the Indistrial Arts, especially those which may be classed broadly under the heads of CHEMICAL MANUFACTURES, MINING, ENGINEERING, and AGRICULTURE.

A Diploma of Associate of the College is granted at the end of the Three Years' Course.

A Diploma of Associate of the College is granted at the end of the Tree I care Course.

The Course of Instruction is recognised by the Secretary of State for India as qualifying for Appointments in the Engineering Department.

There are Four Royal Scholarships, of the value of £50 each yearly, with free education, including Laboratory Instruction, tenable for two years. Two become vacant each year. They are given to Students who have been a year in the College. There are also Nine Exhibitions attached to the College, of the yearly value of £50 each, with Free Education and Laboratory Instruction, tenable for three years. Three become vacant each year. These are awarded at the Annual May Examinations of the Science and Art Department.

The fees are £2 for each Course, or £10 for all the Courses of each year, with the exception of Laboratory.

The Laboratory Fee is £12 for the full Course of nine months, or £2 per month.

#### SUBJECTS OF INSTRUCTION.

SUBJECTS OF INSTRUCTION.

Applied Mathematics, Mechanism and Machinery, Descriptive Geometry, Geometrical, Mechanical, and Engineering Drawing, Experimental Physics, Chemistry (Theoretical and Practical), Botany, Zoology, Geology and Palæontology, Mining, Surveying, Agriculture.

The Laboratory is open for instruction in Practical Chemistry, Metallurgy, and Assaying from Ten to Four o'clock every weekday during the Session, except Saturdays and holidays.

The Session commences on MONDAY, October 2.
Programmes may be obtained on application to the Secretary, Royal College of Science, Stephen's Green, Dublin.

FREDERICK J. SIDNEY, LL.D., Secretary.

#### Royal School of Mines.

NOTICE.—ROYAL SCHOOL OF MINES, JERMYN STREET, STREET, LONDON.—The TWENTY-FIRST SESSION will BEGIN on MONDAY, the 2nd of October. Prospectuses may be bad on application. TRENHAM REEKS, Registrar.

CEOLOGY.—TWO CABINETS FOR SALE, containing 6000 specimens of MINERALS, ROCKS, AND FOSSILS; scientifically arranged. Price, 3000 guineas.
Apply to Pri-fessor TENNANT, F.R.G.S., 149, Strand, London, who has also elementary collections at 2, 5, 10, 20, to 100 guineas each.

MPERIAL OTTOMAN MINING COMPANY (LIMITED). -

NOTICE TO SHARE WARRANT HOLDERS.

The directors of this company propose issuince the additional capital required to carry on the works at Pelidii upon the following terms:—
£660 of debentures for sums of £5 and upwards for two years, renewable for three years more at the option of the board, bearing interest at 13 per cent, per annual, payable quarterly, commencing on the last of October next. For each £1 subscribed one fully-paid ordinary share of £1 will be given as bonus. (Thus, a subscriber of a £5 debenture would receive five fully-paid shares therewith.) These terms are offered in the first place to the shareholders in the company on y, and will remain open to them until the 30th inst., when, if not fully subscribed, they will be offered to the general public. Should the applications from the shareholders exceed the £600 required, the debentures and shares will be allotted pro rata to the holding of each applicant.

Forms of application may be obtained at the company's office, which must be accompanied by a deposit of 10s. in £1 upon amount applied for, and the remainder on allotment, payable at the company's bankers, Messrs. Robarts, Lubbock, and Co., Lombard-street.

Applicants must leave their names and scrip at the office of the company, which will be returned to them on allotment.

By order, C. W. CARPENTER, Secretary.

By order, 46, Moorgate-street, September 5, 1871.

IMPERIAL OTTOMAN MINING COMPANY (LIMITED).—
The following Telegram has been received by the Board:—
"Pera, 5th September, 1871.—Pelidit ore shipped yesterday by steamer Marsden for Liverpool, Bills of lading by this post,"
(Signed) WILLIAM HARVEY.

NOTICE OF MEETING.

NOTICE OF MEETING.

REAT WESTERN SILVER MINING COMPANY

Notice is hereby given, that the FIRST ANNUAL GENERAL MEETING of
the Shareholders in the above-named company will be HELD at the Registered
Offices of the company, No. 11, Moorgate-street, in the City of London, on
TUESDAY, the 19th day of September, 1871, at Two o'clock,
By O'rder of the Board,
J. II. THORNTON, Secretary.

11, Moorgate-street, London, E.C., Sept. 7, 1811.

NEW GWYNFYNYDD GOLD MINING COMPANY (LIMITED).

APPLICATIONS for the REMAINING DEBENTURE BONDS of £10 each, and bearing 10 per cent. interest, being a first charge on the property of the company, will be RECRIVED at the offices of the company, 71, Lord-street, Liverpool, on or before SATURDAY, the 9th September next.

CHARLES BESWICK, Secretary.

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BLACK TIN.

BLACK TIN.

Beta August Tin.

COPPER ORES.

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NO SALE on Thursday last or Thursday next.

Copper Ores for sale at the Royal Hotel, Truro, on Thursday week—Mines and

Parcels.—Devon Great Consols 1374—Marko Valley 330—South Caradon 528—

Brookwood 262—West Marla and Fortecace 218—Wheat Friendship 203—East

Caradon 195—West Caradon 126—Gunnislake (Citters) 122—Franco Consols 29—

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# Notices to Conrespondents.

Much inconvenience having arisen in consequence of several of the Numbers uring the past year being out of print, we recommend that the Journal should efiled on receipt: it then forms an accumulting useful work of reference.

MINIO IN IRELAND.—It appears to be an established fact that most of the paying mines are those which have been re-worked, and that the Old Cappagh Mine, County Cork, is not likely to prove an exception to the rule.

TELEGRAPHIC CODE FOR MINING COMPANIES.—An enquiry was sometime since made in an advertisement in the Mining Journal for a code suitable for transmitting messages relating to the progress made in mining and milling operations with accuracy and brevity combined, but I cannot now find the advertisement. Now, there would be no difficulty in transmitting, either openly or in cipher, all the working details contained in a mine report, of the length published in the Journal, in a telegram of 100 letters, and it would certainly be worth as many pounds to any of the British companies engaged in mining enterprise in the distant States of America to possess the means of obtaining comparatively detailed reports of the workings up to only the day previously. The only question is, whether it would pay to prepare the code.—(RYPTO-GRAPHER.)

GRAPHER.

VERBILLION, &c.—"D. P."—The present quotation for vermillion is 2s. 11½ d., less 2½ per cent. for cash in 14 days; and for oxide of cobalt, 13s. 6d., same discoult and terms. For nickel a quotation cannot at present be obtained.

BISMUTH.—"F." (North Wales).—The value of bismuth is about 10f. or 12l. per hundredweight. Less than 10 tons a year would probably supply the entire European and American markets, even including the quantity consumed in the manufacture of pearl white to beautify faded women. However, if it were cheaper it could, no de ubt, be more extensively used, as its used in powtere's solder, and has been successfully employed as a mordant in dycing.

# THE MINING JOURNAL Bailway and Commercial Gazette.

LONDON, SEPTEMBER 9, 1871.

#### THE STATE OF TRADE-RAILWAY TRAFFIC.

Most of the principal lines of the kingdom have just held their Most of the principal lines of the kingdom have just held their half-yearly meetings, and it must be a source of considerable satisfaction to all engaged in the trade and commerce of the nation to see that almost every chairman and directorate had to announce a better dividend to their shareholders than for several years past. Perhaps there is no letter criterion for judging of the state of trade than the various traffic returns of the large and important lines which now traverse every part of the country, carrying and circulating the wealth of our merchant princes, our large manufactures, our colliery proprietors, and our many commercial industries from one extremity to the other. What this "nation of shopkeepers," as we were once sareastically called, would now do without its "iron horse" and its iron rails is a question which we need not now stop to discuss; suffice it to say that the whole traffic of the country is now mainly dependent upon the expedition with which the goods to discuss; suffice it to say that the whole traffic of the country is now mainly dependent upon the expedition with which the goods are carried, the rates charged, and the facilities placed at the command of the manufacturers and producers by the railway companies for the expansion of trade and the development of the many resources of manufacture which are constantly springing up around us. In fact, so intimate is the connection between the trade and commerce of the kingdom and railway transit, that in very many instances large manufactures are incapable of proper expansion, and minerals are altogether unproductive in the working, on account of the heavy expenses charged for the transit of the goods to the place of sale, or the port for embarkation.

place of sale, or the port for embarkation.

The question naturally meets us at the very outset, whether our railways really afford adequate facilities for the expansion of trade and commerce, and whether the freights are as low as consistent with due regard to the requirements of commerce and the interests of the shareholders? We unhesitatingly assert that in both these essentials there is great room for improvement. We maintain that our railways are not so economically and profitably worked in themselves as they could be; and, on the other hand, the rates charged for the carriage of coals is almost prohibitory to the colliery proprietor, and inimical to the true interests of the railway shareholders. This might be considered a strong assertion to make, but a little reasoning will, we think, show that our statement is based upon facts which cannot

be easily controverted.

be easily controverted.

Some few years since papers were published relative to the merits of the bogic engine and system of traction, and railway traffic generally, and some most striking revelations were certainly made. One of the most startling was that the average dead weight in passenger trains was no less than 95 per cent, and in goods trains 70 per cent. It thus follows that the paying proportion of passenger trains is but 5 per cent, and of goods trains 30 per cent. These figures have never, to our knowledge, been contradicted by any railway authority, and therefore we take it for granted that they are substantially correct. On common roads at lenst 50 per cent, of the dead way authority, and therefore we take it for granted that they are substantially correct. On common roads at lenst 50 per cent. of the dead weight is paying weight in passenger loads, and from 70 to 80 per cent. is paying weight in regard to goods. Here, then, is one great and important point, requiring the serious attention of railway engineers and managers, and, at the same time, one of great moment to large manufacturers and colliery proprietors. In respect of this paying percentage of the passengers and goods carried on our railways, very little improvement has been effected for many years past, but we cannot take it for granted that engineering science has arrived at its ultimatum in regard to our railways, and we have every rived at its ultimatum in regard to our railways, and we have every faith in the genius and skill of our railway engineers to justify us in the belief that shortly some means will be discovered which shall vastly increase the paying ratio of all our passenger and goods trains, to the mutual advantage of all concerned. There are several mat-ters quietly but surely pushing things forward in the direction we now indicate. The severe competition which now exists (and daily increasing) between sea-borne and rail-borne carriage for minerals, and the introduction of cheap tram railways, point to the time when railway directors, managers, and engineers must look this vastly important question of the paying proportion of trains in the face, and device some means of traction which shall give more profitable returns. It follows, as a natural sequence, that if the paying percentage of our goods and mineral trains were materially increased the present high freights could be proportionately reduced; and we contend that a substantial reduction of railway freights, more especially with respect to the carriage of coals, would lead to a much larger output from the various collieries, to the mutual advantage of the recorrictors on the one hand, and railway shareholders on the other tween sea-borne and rail-borne carriage for output from the various collieries, to the mutual advantage of the preprietors on the one hand, and railway shareholders on the other.

There could be little difficulty in showing that "mineral lines" are far better paying lines, as a whole, than passenger lines. The statement of Sir Daniel Couch. M.P., at the last meeting of the Great Western Railway, to the effect that that company had lost no less than 30,000l. revenue during two months colliers' strike in South Wales, shows to what large extent the traffic of that line depends upon its mineral traffic attact, the South Wales mineral basin has been appropriately termed the "back-bone" of the Great Western system; and yet, with what indifference is this mineral traffic regarded, not only by the Great Western, but by the other large miner.

garded, not only by the Great Western, but by the other large mineral carriage lines. Is not one of the greatest difficulties which the colliery proprietor has to contend with the carriage of the coal to

g mart or port of embarkation? Are not the freights simply prohibitory in many instances, and are not thousands of acres of minerals now lying unworked for the lack of adequate railway

facilities? Take, for example, the district we have already quoted, that of South Wales. In round numbers, about ten millions of tons facilities? Take, for example, the district we have already quoted, that of South Wales. In round numbers, about ten millions of tons are raised there annually, but of this by far the greater part is locally consumed by the ironworks and other manufactories, the total quantity exported from the various ports being only about 3,500,000 tons; but will anybody knowing the district hesitate to say that that quantity could be trebled or quadrupled in a few years with proper railway facilities and workable freights? It is gratifying to see that the new management of the Great Western board have at length successfully piloted the vessel out of the many storms it had to encounter, and that now a higher dividend is declared than has been the case for very many years past. Having surmounted the enormous case for very many years past. Having surmounted the enormous monetary difficulties with which they had to contend, the directors have at length turned their attention to the improvement of their property, and are now taking steps to give better facilities to col-liery proprietors and manufacturers, and are supplying that great desideratum which has been so long asked for—the narrow gauge throughout the South Wales district. We regard this step as one of wise economy on the part of the Great Western, and think the time not far distant when the shareholders of the line, in conjunction with the colliery proprietors of the district, will endorse the policy of the board as a most remunerative expenditure.

Whilst we gladly note the improvement in the value of railway

whist we glady note the improvement in the varies of railway property as indicative of the general prosperity of the country, we would strongly advocate, for the interests of the railway shareholders themselves, as well as for the sake of the colliery proprietors, a substantial reduction in the mileage of minerals. We would not for a moment recommend anything like such a suicidal competition as that lately adopted by the Great Northern and the Midland, but we that lately adopted by the Great Northern and the Midland, but we say again that the very heavy rates charged for the carriage of minerals hangs like a heavy dead weight upon the trade, making it almost impossible to expand and develope itself, as it otherwise would if a more equitable scale were adopted. It has been computed by competent authorities that ½d. per ton per mile for the carriage of coal would yield most handsome profit to the railway companies. In many instances it is now more than double, which upon long distances makes the charge so excessively high as to seriously check the trade. Whether ½d. per ton per mile would or would not pay a fair profit to the railway shareholders we are not in a position to assert, but there need be no difficulty in settling the point definitely and amicably. A friendly conference of railway directors in connection with the chief mineral lines of the kingdom could amicably settle the rate of tariff in a short time, and if they would adopt a sound with the chief mineral lines of the kingdom could amicably settle the rate of tariff in a short time, and if they would adopt a sound line of policy they would not hesitate in making a substantial re-duction in carriage rates, and we guarantee that if such were carried out they would soon find such an expansion of trade as would much more than cover any loss sustained by a reduction of charges, and would find that the dividends would go on increasing, and their property be, consequently, vastly enhanced in value. The better dividends declared at the recent half-yearly meetings show clearly increasing commercial prosperity, but a reduction of charges upon the carriage of minerals would give another stimulus to colliery proprietors and railway enterprise, alike advantageous to both.

#### THE IRON AND STEEL INSTITUTE.

The continued prosperity of this association of iron and steel ma-nufacturers and others, as evidenced in the steady accession of members at all of its meetings, bodes most satisfactorily for the future of the great industry upon which it is only trite to say that Eng-land's future greatness mainly depends. The record in the Supple-ment to last week's Journal of the conspicuous addition to the former muster-roll demonstrates the earnestness with which the producer and manipulators of our useful metals are now pursuing their vocation This earnestness looks not merely to the prosperity of one district, but of all the districts; for in this association the common weal of the whole is sought after. With only rare exceptions, the day has gone by when traders of the class to which we refer set a seal upon their works' gates; or the men of one district look with suspicion upon the visit of the representatives of another. It is not, therefore, to be recorded with "Mirabile dictu!" that, whether in South Wales or South Staffordshire, on anywhere else, the Iron and Steel Institute should be welcomed with every possible heartiness, when the members go—as they have just gone to the last-mentioned centre—not only to read and discuss papers affecting their common calling, but also to carefully examine the methods of production adopted therein. On the welcome that the Institute received in the Midlands we will not, therefore, dwell further than to repeat here that it merited the recognition which it received, as we reported last This earnestness looks not merely to the prosperity of one district that it merited the recognition which it received, as we reported last week, from the President of the Institute, Mr. Bessemer, who said that when he remembered the cordial reception which the Institute had received, and that Lord DUDLEY had left the breezy moors of Scotland, and had come to dusty, grimy, money-making Birming-ham, in order to meet the Institute, he could not but return to his lordship and the South Staffordshire ironmasters, on behalf of the

Institute, his warmest thanks. But the prosperity of the Iron and Steel Institute is shown in thing more than increasing numbers, and the great goodwill that it continues to have manifested towards it. The business it transacts continues to have manifested towards it. The business it transacts evidences a vigour of grasp that must inevitably issue in wide-spread benefit. What, for instance, is better calculated to impress men of other districts with the mineral capabilities of the Birmingham district than the paper with which Mr. HENRY JOHNSON opened the business of the first sitting at Dudley? Men who knew the basin listened to it with the interest of those who could follow the author over every yard of the ground that he sketched, and who, moreover, if it had been necessary that they should speak, would have endorsed all his views; and strangers heard with the conviction strengthening to the close that much wealth yet remains to the persistent and into the close that much wealth yet remains to the persistent and in-telligently-directed explorer of the border lands between Stafford-shire and Warwickshire, and Staffordshire and Shropshire in par-ticular. The faith of their own convictions as to the former, Mr. ticular. The faith of their own convictions as to the former, Mr. JOHNSON and his fellow-engineers of the South Staffordshire and East Worcestershire Institute are exemplifying in their Sandwell sinkings. We share in the regret of the author of the paper that as to the former anything should have happened to check the ardour with which leading members of the South Midland Institute of Mining Engineers would have given practical illustration of their views. The trade patriotism of those members of the Institute who are sometimes business competitors with the ironmasters of South Staffordshire must have occasioned them to rejoice, as we rejoice that the expectations of the men who have a knowledge of the district the expectations of the men who have a knowledge of the district from actual working, as well as from scientific investigation, have received the powerful corroboration of the Coal Commission. The magnitude of the question of coal beneath the Permians and the ities indicated phasis to the meeting when Mr. Johnson said that the hopeful but unproved region comprised an area six times that of the proved portion of the South Staffordshire basin.

Nor is the iron trade interested alone in the discovery of new sources of supply of fuel. Its economy is to them a subject only second in importance to wider known resources. Mr. Bell put it correctly when he said that the economy of fuel was the great question of the day; and, as the ironmakers are the largest consumers, the country will hall with undissembled satisfaction anything that the ironmaker can do to make the supplies we know of last as long as possible. Good speed we all desire may accompany the experiments that are being conducted in Middlesborough, in Scotland, in Shropshire, and elsewhere, with a view to solve this problem in the opera-tion of smelting ironstone. The determination with which the first-named district has set about the task was convincingly shown in the paper of Mr. GJERS, accompanied, as it was, by very telling illustra-tive diagrams. These showed the outlines, sketched to scale, of all the furnaces that have been put up in Cleveland since the trade have begun to believe that the old 48-feet furnaces are not the most economical. Nearly 50 outlines were shown. They were the furnaces the list of which we gave in the last Journal, with Mr. GJERS paper. The author of the paper showed, as he proceeded, what were the results in the matter of economy of fucl and excellency of product that followed upon every alteration. The past shows some footish rivalry among owners of furnaces in respect of magnitude. To this, however, an end has now nearly come, and Mr. GJERS paper will ge far

to bring about that result. There must be a due proportion between to bring about that result. There must be a due proportion between the height and the diameter, and that proportion is now almost set, tled in relation to furnaces smelting the ordinary Cleveland stone, but there must be modifications, adapting the dimensions of the furbut there must be modifications, analyting the dimensions of the far-naces to other ores used, in part or in whole, in the making up of the charge. All these and many other points affecting the econo-mical use of our nation's priceless stores of mineral fuel must con-tinue to occupy the attention of the Iron and Steel Institute of Great Britain. From the thoroughness with which its investigations already made have been conducted, it is fair to augur much future success. of all this the most recent encouragement is the action which the Institute has made up its mind to take in testing the capabilities for use in Great Britain of DANKS'S rotary puddling furnace—a subject which, because of its significance as affecting the future of the finished department of our iron industry, we have reserved for discussion in a separate article next week.

#### INDUSTRIAL PROGRESS IN BRAZIL.

By "progress" in these days may be inferred the advance which nations make in the arts of peace, the utilisation of their resources, and the accumulation of wealth. Brazil is no laggard in the great industrial race; and ever since she closed her severe struggle with the despotic dictator Lopez, in Paraguay, she has been extending and accelerating her efforts to make the best of her natural endowments. accelerating her efforts to make the best of her natural endowments. One of the latest Brazilian projections is the South Brazilian Bailway, with a capital of 1,300,000%, in 130,000 shares, of 10% each. The line would connect the port of Rio Grande with the great coal field in the Candiota Valley, in the province of Sao Pedro do Rio Grande do Sul; the line would be 173 miles in length, and it would be carried through an early and comparatively normales country. These right through an early and comparatively normales country. do Sul; the line would be 173 miles in length, and it would be carried through an easy and comparatively populous country. The undertaking is promoted by the important London and Paris banking firm of Bischoffsheim and Goldschmidt, which is largely identified with railway movements, and which is also associated with coal mining enterprise in Belgium. It is clear that if coal is made readily upon the spot for Brazilian consumption, a new era will be opened out in Brazilian history. As it is, there are symptoms that Brazil is approaching a greater independence in certain matters than she has ever before acquired. When Brazil first essayed a few railways, she came to England for ideas and capital, and she was content to pay the swinging interest of 7 per cent. upon such moneys as English. pay the swinging interest of 7 per cent. upon such moneys as Englishmen were prepared to advance to her. This was near the time when Brazil, hampered with her great struggle with LOPEZ, was fain to issue 5 per cent. Government Bonds at the low rate of 74. But the large sums poured into Brazil for cotton in 1863, 1864, 1865, and 1866 enabled Brazil to tide over the Paragunyan war with comparative cases so far as the neumary aspects of the conflict were concerned. ease, so far as the pecuniary aspects of the conflict were concerned; and since the struggle closed, Brazilian credit has so rapidly and a greatly revived that the Brazilian Government seems now disposed greatly revived that the Brazilian Government seems now disposed to go into the railway business upon its own account, and a Bill authorising the purchase of the Anglo-Brazilian lines upon fair and equitable terms has passed the Brazilian Chambers. The details of the measure are not yet finally worked out, but one thing seems to learn by certain—that as at present advised, and as at present circumstanced, Brazil will give no more 7 per cent. railway guarantees to English capitalists, and will even endeavour, in some just and honest fashion, to relieve herself of the guarantees to which she is already committed.

There is nothing in all this to cause, however, any uneasiness to the English fron trade. On the contrary, the more readily Brazil can raise capital for railway purposes, and the less burthen railways are to her Treasury when they are made, the more likely she is to proceed freely with such important undertakings. Brazil has even now, through the prosecution of the Anglo-Brazilian guaranteed lines, been a good customer for British railway iron; but Brazil is a country of such enormous extent that she has ample room for them. country of such enormous extent that she has ample room for then sands of miles of more railways, and more railways she, undoubtedly, will have as population accumulates upon her soil, and as she find it practicable to carry out railways at a reasonable rate. Although there is a prospect of Brazilian coal being worked, it does not appear probable that much will be made for some time of Brazilian metallurgy; and although Brazil is less likely to come to England for money for railways she is still telegrably certain to be glad to import English for railways, she is still tolerably certain to be glad to import English rails, English locomotives, and general English railway material. The recent visit of the Emperor of Brazil to England, and the life which he led in London and the great English cities, show the general bent of his Majesty's mind. It would be well if every other country had such a Sovereign at the head of its affairs. While not insensible to the elegancies and splendour of modern European fashionable life, the tendency of his Majesty's thoughts and aspirations is eminently practical. He wishes by every legitimate means to make Brazil a great empire, and, as far as climatic and other circumstances will permit, to give to Brazil something of the freedon and wealth of England. Liberty and industry—these are the maissprings, with the blessing of God, of English prosperity and power; and it is liberty and industry which the Emperor of Brazil wishs to develope in the great country over which he has presided with such honour to himself and such benefit to his subjects. And liberty and industry will ensure further and further progress in Brazil. for railways, she is still tolerably certain to be glad to import English

COAL AND IRON IN BRITISH AMERICA,-The activity which I characterises affairs in the Dominion of Canada presents, of course many points of interest to the coal and iron trades. A good prof of the superior quality of Nova Scotian iron has been afforded in the repetition of an order from Birkenhead to the Acadia Iron Compan for 500 car wheels. The coal trade in Cape Breton is improving Mines which have been closed for years have recently been sold an of the gratifying change. On the 8th ult. the manager of the discovery and Cape Breton Coal and Railway Company reported that stopes driven on the coal at the Reserve were down 110 ft, and 30ft. stopes driven on the coal at the Reserve were down 110 ft. and 30 it respectively. The railway, the manager added, was being rapidly pushed on, and should it be available for traffic as far as the Reserve during November next he would be in a position to ship a dome cargoes, and to supply Sydney with from 2000 to 3000 tons of how hold coal. Surveys for the great Canadian Pacific Railway are beig continued; the length of this line will not be less than 2800 milks and it will, of course, absorb a very great amount of railway into and it will, of course, absorb a very great amount of railway iron

COAL-CUTTING BY MACHINERY .- It is gratifying to learn that coal-cutting BY MACHINERY.—It is gratifying to learn use successful operation at the West Ardsley Colliery, near Leed, at at last becoming more extensively recognised, and that orders a now being received from various quarters both in this country all abroad. From the gradually increasing difficulty of obtaining cheff labour for colliery and mining operations, the introduction of my labour for colliery and mining operations, the intro chinery for coal-cutting must be of the atmost possible important to the coalowners of all countries; and from the large amount trouble and expense which Messrs, FIRTH have incurred they in entitled themselves to the thanks of all connected with the trade

MESSRS, HAYWARD TYLER AND CO'S STEAM PUMPING MACE NERY.—This well-known firm have lately put up one of their put pumping-engines, of which we have already had occasion to sp favourably, in the Trimdon Grange Colliery, near Durham, belot ing to Mr. R. FORSTER, Ferryhill. The dimensions are as follows: Diameter of steam cylinder, 40 in.; diameter of plungers, 10 stroke, 4 ft. It is placed in the main seam, 60 fms. down, and 50 sm. from shaft, and is raising the water to bank. The steam is supplied by boilers on the surface, conveyed down the upcast-shaft. We help soon to be able to lay before our readers a full description of the pumping-engines, with illustrations.

IMPROVEMENTS IN GOLD WASHING AND AMALGAMATING. IMPROVEMENTS IN GOLD WASHING AND AMALGAMATING.—
CHARLES COLLOM, the inventor and patentee of the Patent Ore Dress known by his name, has just completed a new patent for improvement upon his already successful apparatus. It consists in dividing table into two or more concentric circles, each by preference arrant different angles, to suit the requirements of the stuff as it classing passing over the table. Also, by this arrangement he economised water to a considerable extent, as the necessity of washing the head of its water to a considerable extent, as the necessity of washing the head of posit over the "tall" of the table is avoided, it being taken up to a launce carried direct in to its appointed receiver. This patont also includes their

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tions claimed by Mr. Collom in his foreign patents, and which more particularly relates to the treatment of auriferous matters and metallic silver, and which is an arrangement of channels or grooves in the table, the bed of which is copper or other suitable metal, which is treated with acid, to make the mercury with which they are charged adhere to, absorb, and retain the particles of gold and silver contained in the matters under treatment. The quicksilver, when afficiently charged, is removed and treated in the ordinary way. Mr. Collom's apparatus has proved in practical working efficient to prevent the floating away on the surface of the water the fine particles which have become fattened and dry on one side; and he asserts that with matters containing less than ½ 0z. of gold to the ton he can pay handsome profits with the use of his machine.

#### IMPROVEMENTS IN COAL-CUTTING. BY MR. W. HOOLE CHAMBERS.\*

The number of patents which have been taken out for coal-cutting machines, and in connection with them, amounts, I believe, to considerably over 300. One great reason of failure was the employment of a motive-power which was neither economical nor beneficial. It of a great number of cases the varying hardness of the holing, the changes in the nature of the roof, floor, &c., the various heights which the holing required to be in the seam of coal, the different depths of undercut required in various seams of coal in order to bring down the coal to advantage, and the necessity of having a machine which from one model could cope with all these various difficulties, have combined to prevent the success of many machines which had incombined to prevent the success of many machines which had intrinsic value for one or other of these purposes, but which when applied to overcome others has signally failed. The motive-power best to be employed in coal-cutting machinery will, I believe, be acknowledged by all to be compressed air. It is easily procured; it is safe in use; the air is discharged into the mine fresh and pure at the working face; the average amount of air discharged by one of these machines will be 120 cubic feet per minute.

It is not my intention in this paper to describe the machinery fully, as this has frequently been done, but briefly to notice some of the recest improvements which have brought the machine from one which had a substratum of excellence, but which by itself must necessarily have failed, to one which is a decided success. They are see follows:—1st. A solid forged frame to contain the machine in

cessarily have failed, to one which is a decided success. They are as follows:—1st. A solid forged frame to contain the machine, instead of a rivetted one. This secures stability, and far less necessity for repairs.—2. Connecting-rods, instead of bevel gearing, for propelling the machine forwards. A much stronger and heavier machine can thus be made, and the attendant has much greater control over the machine.—3. The double-headed pick, having two or more cutting-blades on one shaft. This is a great advantage in coals which are liable to crush off the face, or where the roof is tender, as by going once over the face a depth of from 3 ft. 3 in. to 3 ft. 6 in. can be cut, which is quite as much as some coals will allow.—4. The curved nick, by which means the deeper the cut the less back room can be cut, which is quite as much as some coals will allow.—4. The curved pick, by which means the deeper the cut the less back room from the face is required in which to work the machine; thus, when cutting to a depth of 5 ft., only 3 ft. of back-stroke is required for the machine.—5. The successful application of loose points to the pick, perhaps the greatest improvement of all. Specification of Samuel Firth, No. 943, 1869, claims a loose point by preference, having a circular taper cottered into a socket on the pick-shaft, against a cushion of India-rubber or other suitable material.

Having thus briefly noticed the improvements lately made, I beg leave to bring before your notice the following table of experiments which were made at the Tingley Collieries of the West Ardsley Coal and Iron Company, on June 8 and 9 last:—

No.	Name of Coal.	Nature of Experiment.	Distance.	rii	ne.	Fc. In.	Av. rq.yd.	Per day of 9 hours.	Nature of Holing and Remarks.
1 { 1 1 1 2	Middleton main	Single pick ditto Removing ma- chine Double-headed	} -	13 17 9	34	2 3 1 0 -	)	180	Usual bordway working, worth 7d.to9d.perhour
3 3	" :	Single ditto Removing ma- chine Single pick	5	8	5	2 3	3	117	Very hard holing coal, working end-way, without any weight on.
5 5	,,	Double-headed pick Single ditto No. 3 ex	)	25 16 27	0 0 40	3 3 5 4	2	117	ditto ditto
6 6	17	Single pick		17		5 0	13	117	ditto
7	Little coal {	Double-headed pick	} 10	40	0	-	15	135	Medium between 1 and 3, standing some time, and much dirt fell.
8	Stone coal	ditto	5	23	0	3 0	13	117	Very hard stone and dist inter- mixed.
9	91 4.	ditto	5	37	50	3 0	8	72	ditto-

In experiment No. 1, which was in the Middleton Main, or Silk-In experiment No. 1, which was in the Middleton Main, or Silkstone coal, the bank was working broadway; it was 62 yards long, and about one mile from the pit bottom. The holing is done in the Baring coal in this scam, which is 1 ft. 3 in. from the floor. Experiments 3, 4, 5, and 6 are in the Middleton, or Silkstone coal, working endway; the bank having only just been opened the coal is very hard. No. 5 experiment is over the same ground as Nos. 3, and 6 as No. 4; the steadiness of the machine on the road, and the beautiful regularity of the stroke in these two experiments were delightful to see. In the Little coal the holing is done close to the floor, the bank is In the Little coal the holing is done close to the floor, the bank is sorking bordway of the coal, and a 3-ft, fall is as much as this social with 15 to 15 allow.

In the Stone coal the holing is done in the stone and dirt between wo seams of Cannel coal; this was by far the hardest we encoun-ered. Some idea may be gathered of the hardness when I state that on an average it required 19 blows of the pick in the same spot before the full depth was reached, and sometimes as many as 21 and 22. It is far too hard to be done by hand-labour, but is the best mark in the construction of the construction.

22. It is far too hard to be done by hand-labour, but is the best part in the seam in which to hole.

We have before us five machines working in three different seams of coal, in one of which we have two species of work, all of which machines are doing well. The hardness of holing varies from comparatively easy holing, as in the Middleton or Silkstone coal, working boardway, to holing too hard to be done by hand, as in the stone coal. This machine will, therefore, adapt itself to any hard less of holing: it can also hole at any height in the seam of coal which is requisite by means of a false bottom.

In the Middleton coal the holing is 1 ft. 3 in. from the floor, in the Stone coal sbout 5 in., and in the Little coal on the floor, and you have equal stability in either case. It can work in any seam of coal where 2 ft. of height can be secured, and only requires 3 ft. of com from the face in which to work; this is most remarkable where the depth of holing was 5 ft. 4 in, and only 3 ft. of room from the

he depth of holing was 5 ft. 4 in , and only 3 ft, of room from the required.

I would here briefly direct your attention to the reasons why, in many cases, where formerly powder was required to bring down the coal by machine holing none is required. First, the weight of coal left on by machine holing at the face, whereas by hand holing in at least is taken away at this point. Not only is this the case, but the line of gravity of the block holed is by machine holing brought much further forwards in the block of coal holed. By these two forces combined, if we take a block of coal 100 yards long and 3 ft. ligh, I reckon the power of separation will be increased by at least 10 tons, thus giving us an immense increase in the natural tendency would here briefly direct your attention to the reasons why, in

lgh, I reckon the power of separation will be increased by at least 0 tons, thus giving us an immense increase in the natural tendency if the coal holed to separate itself from the solid coal.

Before quitting the subject of the advantages of holing by malinery, I would point out those which are gained by the workmen. In the first place, the hardest portion of their work is taken in hand ad successfully done for them; but what I regard as more importate than the above is the immunity from accident from falls of coal hich is offered. In the position which a man occupies whilst workight mechine he is brought out of the groove which in hand oling he has to work under, and where ic has neither inclination or opportunity for examining the changes constantly taking place ung he has to work under, and where he has neither inclination or opportunity for examining the changes constantly taking place long the face of the coal. He can see in a moment any indication is the coal giving way, and is in such a position that he can easily dout of the way in such a case. The numerous accidents which

\* Read before the Midland Institute of Mining Engineers.

occur to men whilst holing from falls of coal stamps this as a great advantage. The average length of life among our colliers is very short; no doubt this is partially due to the atmosphere they breathe being so thickly impregnated with coal dust, and partially to the cramped postures which have to be assumed in holing, sometimes times for hours together. Immunity from the last is, as will be easily seen, ensured by the machine under notice. The exhaust air is also so arranged that it blows the dust created in holing away from the man who works the machine, leaving him in an atmosphere com-paratively jure. You will see, then, that the advantage is not all on the side of the master, but is shared by those whom it is always our duty to consider in weighing the gains and losses of any important alteration like the present in the system and mode of working our coal; I mean the working colliers.

I have endeavoured to lay before you in the foregoing paper results which have a many constant alteration. I would not

I have endeavoured to lay before you in the foregoing paper results which have come under my personal observation. I would not be understood to say that this is the best machine in existence, or that can possibly be produced, but I can say without fear of contradiction that every part of the machine is well and carefully considered, that strength is applied just where it is wanted, that the results obtained in the length of holing are better than I anticipated, and quite sufficient to prove it a decided success, and that no other machine has yet come under my notice which has succeeded so well as the above. In conclusion, I call upon you to give this subject your carnest consideration, for I hold that all these experiments, which are of so much vital importance to the coal trade in general, demand our encouragement; and that where we find such patient study, such determination to overcome all difficulties, and such unremitting exertions as must have characterised the patentees of the machine under notice to have brought it from what it once was to its present state of perfection, we are called upon, having the interests present state of perfection, we are called upon, having the interests of mining at heart, to give every aid in our power to the successful application of that which we cannot but feel is absolutely necessary application of that which we cannot but feel is absolute to the full and cheap development of our coal fields.

#### ANOTHER FEARFUL EXPLOSION AT WIGAN.

The Wigan portion of the Lancashire coal field seems destined to onlinue to supply fearful illustrations of the terrible hazard with which the working of certain coal seams is attended. The fatal seam in Lancashire is the Nine-feet. In the past four years shocking issues have accompanied the working of that measure. Need we name the Queen Pit, Haydock; the Brynn Colliery, Ashton-in-Mackerfield; the Low Hall Pit, Hindley-green. The Haydock Colliery explosion happened on July 21, 1869, and it resulted in the death of 59 people.

which the working of certain coal seams is attenues. In tarnas seam in Lancashire is the Nine-feet. In the past four years shocking is sea shave accompanied the working of that measure. Need we name the Queen IV, Haydock the Brynn Colliery, Ashton-in Mackerfield; the Low Hall IV, Hintley-green. The Haydock Colliery explosion to the past of the past of

ow raging in the downcast snaft in order to extinguish the fire which was The 70 dead, it will have been seen, are made up of the colliers in the Nine-ict, the six sinkers and the man who died so painfully after being brought to the surface.

the surface.

The disaster is certainly of a very appalling character. Its suddenness is shocking, unrelieved as it was by any chance of escape almost from the commencement, but certainly from the time of the second explosion—that dreaded

addendum to all first explosions. It is cause for satisfaction in the midst of our grief that the second explosion did not aggravate the previous calamity by taking, as it too often does, the lives of some of our most valuable miners. The enquiry that will hereafter take place will be watched with much interest. From what we have before said it does not seem likely that the facts will reveat cause for severe censure upon the managers. It is not, however, to be forgotten that upon the Haydock Colliery explosion, Mr. Higson reported to the Home Secretary, "It is a remarkable instance of the uncertainty of life in a coal mine, on account of the limited number of working places, and of the men employed therein; while it shows, after mature deliberation, the absolute necessity of the best engineering ability and judgment in laying out underground operations in a coal mine." We shall continue to remark upon this Moss Colliery explosion as necessity arlses. explosion as necessity arises.

#### THE STOWMARKET GUN-COTTON EXPLOSION.

After a protracted enquiry into the cause of this lamentable occurrence, the jury have returned the following verdict:—
"That the explosion causing the deaths of persons on whom this inquest was held was produced by some person or persons unknown adding sulpharic acid to the gun-cotton subsequent to its passing the tests required by Government. At the same time we consider, from the evidence adduced, that there is no danger in the manufacture of gun cotton in the wet process, but that the drying and storing of gun-cotton should not be allowed near a town. Also, we consider that gun-cotton works should, be subject to constant Government inspection."

drying and storing of gun-cotton should not be allowed near a town. Also, we consider that gun-cotton works should, be subject to constant Government in spection."

The Times, in its comments on the inquest yesterday, says—
"At an early period of the enquiry one of the managers, who had drawn, perhaps, his conception of probabilities from the "Battle of Dorking," communicated to the Court his first conclusion, that some foreign power had employed an emissary to stop the manufacture of a material threatening destruction to continental armadas. Later hypotheses could only suggest the operation of commercial rivairy, for though the Stowmarket factory was the only one of its kind in Great Britain, and, therefore, not exposed to competition, it was open to the obloquy which a monopoly, especially if it can be stigmatised as a Government monopoly, is pretty sure to incur. How far such a conclusion is really probable the pablic must decide. The finding of the jury seems to imply, though it does not express, the maile of the agent, for the explosion was said to be produced by some person or persons nuknown adding sulphuric acid to the gun-cotton subsequent to its passing the tests required by Government. Such an addition made at such a period must have been made mailetously, and the proceeding, in whatever motives originating, may not be inconceivable. At any rate, one result from the enquiry is that gun-cotton is not materially more dangerous than it was supposed to be. The specimen of the manufacture which explosion, can an impure specimen, and the impurity, according to creamed the explosion, was an impure specimen, and the impurity, according to the verdict of the jury, was not caused by accident. There remains the supposition of wilfulness, against which, of course, nothing could be proof; but It will certainly be prudent to repeat and extend the experiments which gavesuch satisfaction last springs. Even if we have nothing to unlearn in the matter of this invention, it by no means follows that we have nothing to l

#### REPORT FROM NORTH AND SOUTH STAFFORDSHIRF.

Sept. 7 .- The Iron Trade of North Staffordshire is steady, at the Sept. 7.—The Iron Trade of North Staffordshire is steady, at the advanced quotations which we reported last week, and the concession made to the ironworkers on the wages question has virtually put an end to the agitations which for some time past have disturbed the labour market in this district. Bars and hoops command a very active enquiry, but there is less doing in rails. The pig-iron makers are all well supplied with orders, and trade prospects in this branch are, as a rule, most encouraging. The Coal Trade is in a satisfactory condition, the demand for household fuel being unusually active for the season. Ironstones are in buoyant request, at firm quotations. Trade is brisk in the Potteries district, both on home and export account. The crate makers are agitating for an advance in wages and

Trade is brisk in the Potteries district, both on home and export account. The crate makers are agitating for an advance in wages, and a strike is reported at one of the leading establishments in Stoke.

In South Staffordshire the attempt made last week by the iron-masters to effect a settlement of the wages dispute appears to have been only partially successful. It will be remembered, however, that the advance of 1s. per ton asked by the puddlers was conceded, but the increase of 10 per cent. asked by the millmen and other classes of iron-workers was only granted to the extent of one-half the amount asked. By this arrangement the concession made to the puddlers was certainly more liberal than that made to other classes of iron-workers, and the reason for this is thus explained by the ironmasters. When more than 20 years ago the Thorneyeroft scale was adopted, adjusting the rate of wages to the selling price of iron, the basis agreed upon afforded about equal remuneration to the puddler workers, and the reason for this is thus explained by the ironomasters. When more than 20 years ago the Thorneycroft scale was adopted, adjusting the rate of wages to the selling price of iron, the basis agreed upon afforded about equal remuneration to the puddler for his labour as to the millman. Since that time, however, the millman's labour has been considerably lightened, and his work fatilitated by improvements in machinery, &c.; but the process of puddling remains precisely the same, while he labour is rendered even more arduous and difficult by the inferior qualities of pig-iron which have now to be manipulated compared with those of 20 years ago. The fall in the selling price of iron since that time has been fully a consequence, &s. per ton lower, or thereabouts, than formerly. This, under the circumstances already referred to, is a very serious matter for the puddlers, but in the case of millmen it is more than compensated by the improved machinery introduced meanwhile. The millmen do not, however, appear to regard the matter in this light, and they are still agitating for an advance equal to that of the puddlers. At a meeting held on Monday, at Great Bridge, after several but temperately worded speeches, the following resolution was unanimously carried:—

That this meeting, representing the shing'ers, rollers, and millmen of South Staffordshire and East Worrestershire, taking into consideration the past custom of the trade with respect to the regulation of the selling prices of iron, and the rates of wages, and if that amount benot conceded every legitimate means in their power shall be used to secure the same."

One of the delegates subsequently proposed a motion in favour of the establishment of a Court of Arbitration and Conciliation for the iron trade of the district, and this also was carried with great cordiality. In consequence of this agitation business is in a somewhat unsettled condition, makers hesitating to book orders in the uncertainty which prevails in regard to price, and from present

By the recent amendment of the Workshops' Regulation Bill over 2006 workshops in the Black Country alone will be placed under Governs spection.

The Dudley Correspondent of the Wolverhampton Chronicle writes :-

At the special meeting of the Iron Trade at Birmingham, on Thurs-At the special meeting of the Iron Trade at Birmingham, on Thursday, it was agreed to raise the puddlers' wages to 9s. 6d. per ton; and to advance the rates of other forge and mill workmen's wages 5 per cent. The following will now be the best rates for merchant iron:—Common bars at the works, 8l. 10s.; sheets, 10l.; doubles, 11l. 10s.; ballsheets, 12l. 10s.; latten, 13l.; boiler-plates, 10l.; roda, 8l. 10s.; hoops, 9l. 10s., and all other sorts in proportion. The demand for merchant iron still keeps brisk, and the mills and forges throughout the whole of the district are fully employed. The safe in-gathering of the cereal crops will give a further impetus

the Iron trade, and it is not unlikely that another advance of 10s. per to ill be declared at the Preliminary Meeting, to be held at Birmingham Sept. 28 will be declared at the Preliminary Meeting, to be held at Birmingham Sept. 28. If anch advance be made, as a natural consequence colliers' wages and coal will be advanced accordingly. The rise in the ironworkers' wages inevitably leads to this. The colliers and ironstone workmen in South Staffordshire and East to this. The colliers and ironstone workmen to South Staffordshire and East with collieries. The demand for pig-iron still keeps in cacess of the supply, and as a natural consequence the price must go up. The demand for Thick coal is larger than we have known it for some years during the summer. This at once shows that it is attributable to the activity of the various ironworks of the district, and it is feared that it will be somewhat difficult to find an adequal comply of coal for the winter, inasmuch as the demand for household purposes, as compared with the present time, will be largely increased. The output at the collieries is large now, and as the season advances it will become much greater, and there is no doubt that the various coal proprietors will exert themselves in every possible way, as far as their coal resources will permit them, to supply the market. There is a good demand for the argillaceous ironstone of the district, and prices have an upward tendency. White ironstone is realising 18s. 6d., and gubbin from 14s. to 15s. per statute ton; when sold at the long ton the prices are proportionately higher.

#### TRADE OF THE TYNE AND WEAR.

TRADE OF THE TYNE AND WEAR.

Sept. 7.—The shipments of coal and iron continue very heavy, and there is an abundant supply of vessels, so that terms remain long, and great complaints are made by shipowners on this account. Quantities of general goods and timber have arrived lately. On the Tyne and Wear there is a great outcry for more dock accommodation, and the formation of new ones or the enlargement of the present cannot be much longer delayed. No doubt the completion of the new swing-bridge at Newcastle, which would admit vessels up to the higher reaches of the river, would partly relieve this pressure, and also reduce the railway traffic to a certain extent, but deeper water docks are most urgently required, especially for steamers. At the collieries the demand for men of all kinds is very great, and the demand for increased pay is both frequent and loud, yet so far strike of any kind have been avoided, and this we hope will continue. The rates of payment have been increased at many of the works, and negotiations are now going on at some of the large works in North umberland, where the men have asked for an advance, but these are expected to be amicably settled. At any rate there is no appearance of a general strike, and such a suicidal course is not at all likely to be adopted. Both men and masters enjoy prosperity, which was much required, as a long period of depression was suffered previous to the revival of trade.

The atrike of engineers continues, and numbers of foreign mechato the revival of trade.

to the revival of trade.

The strike of engineers continues, and numbers of foreign mechanics arrive, Danes. Norwegians, and Belgians, many of whom being good mechanics, are not likely to leave the shores of England soon. We have seen many of these men at work, and it is admitted by most competent judges that a great portion of them are good mechanics, and turn out excellent work, while it is also admitted that they do not get on so quickly as the men of Tyne Side. There is now a large number of hands at work at all the places where the men are on strike, that is at Black. Hawthorn, and Co.; Abbott and Co.; Clark, Gurney, and Co.; Hawks and Co., Gatshead; and at Elswick, Joicey, and Co.; Hawthorn and Co.; Thompson, Boyd, and Co., and some others in Newcasile, and there appears to be no reason whatever to doubt that all these works will at no distant date be quite stocked with foreign workmen if the old hands continue out. Numbers of mon are arriving daily per steamer, while those left are comparatively trifling; most of the men being engaged for six months, they will be Mands of the second o

NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS.—At the meeting of members on Saturday there was but a meagre attendance, owing to the meeting of the Iron and Steel Institute in the South many of the members being absent attending the latter meeting, A number of new members were elected, and some were also noninated for election at the next meeting. All the other business was posiponed until the next meeting that is the reading of Mr. Henry Lewis's paper "On Working Coal by Long wall at Annesley Colliery," and also the reading of the report from the committee appointed to classify the rivetting experiments.

#### REPORT FROM SCOTLAND.

Sept. 6.—The market here has been very dull since the date of our last report, and the price of warrants gave way, until on Monday 60s. 6d. cash was accepted. From this point there was a rally, and business was done freely on Monday afternoon and Tuesday at 61s. 14d. cash, and 61s. 6d. one month. To-day we have been deidedly flatter again, with little business done, from 60s. 9d. to 60s. 6d. cash, which was the nominal quotation at the close. The shipping returns for two weeks have been rather small, but the demand is atill very good, especially for North America; and there would have been nothing in the state of the general trade or the foreign demand to warrant any reaction had not undue prominence been lately given to large shipments, and prices been forced by speculation to a pretty high level. Without much change to report in shipping iron, prices are the turn easier, as will be seen from quotations:—

No. 1. No. 3. Sept. 6.—The market here has been very dull since the date of our

, prioca are	ino suiti cuotor, no				1.	No	. 3.
G. M. brands	at Glasgow (delivera	ble alon	gside)	G18.	0d	608	. 0d.
Gartsberrie	ditto	ditto			6	62	0
Coltness	ditta	ditto			6		6
Summerlee	ditto	ditto			0	62	0
Carnbroe	ditto	ditto,	x store.	63	0	-	
. at	Port Dundas	ditto		65	0	62	6
Langloan	ditto	ditto		66	0	63	0
Calder	ditto	ditto		67	0	60	6
Glengarnock	at Ardrossan	ditto		67	0	62	0
Dalmellingto	n ditto	ditto		62	0	61	0
Eglington	ditto	ditto		63	0	61	6
Carron at	Grangemouth	ditto		59	6		
**	ditto (selected)	ditto		65	0	-	
Shotts	ditto	ditto		65	6	61	6
Kinnetl	at Boness	ditto			0		0
G.M. brands	at Middlesborough	ditto			0		0
	** : ** * * * * * * * * * * * * * * * *				0 to £8	10	0
Nail rods	****************		8	10	0		
		ENTS.					
For the week	ending Sept. 2, 1871				.Tons	12,8	74
	Sont 9 1970					10 0	

Total increase since Dec Total increase since December 25, 1870

The pig-iron stocked at the end of the month in Connal and Co.'s stores was 374,303 tons, with warrants in circulation for 361,500 tons; and in Canal Company's stores 15,343 tons, with warrants for 14,252 and in Canal Company's stores 15,343 tons, with warrants for 14,252 tons. Purchasers of malleable iron are buying only that which they cannot help, and yet there is a continuous demand sufficient to keep all the makers going at their full speed—plate-mills and merchant-mills. Buyers are holding over all that they can as long as they can, in the vain hope that they may succeed in placing their orders on better terms, but makers are very firm, and look forward to a further advance if they see it will not restrict business too much. There is undoubtedly a great deal of work on hand and those who would is, undoubtedly, a great deal of work on hand, and those who would buy economically should do so at once, lest they are overtaken with another 5s. on the ton of all descriptions of finished iron. All the branches of the trade are busy, and rivet making and the machine nail trade is participating in the prosperity. From Dundee we learn, on good authority, that consignments of patterns have been received at some of the foundries there, supposed to be from Newcastle or Gateshead, or both, as they are principally for marine engines. In that town, as here, the turners and moulders are making extra time, and this is also the case with fitters and boiler makers, &c. Steady

and this is also the case with fitters and boiler makers, &c. Steady skilled workmen in all these branches are wanted, and cannot be had. The resolution of the coalmasters to advance the price of coal Is. a ton came into operation on the 1st inst., but some think it possible that this advance may have the effect of restricting trade, as the autumn shipments are well advanced, and a portion of our steam shipping is being withdrawn from the stations for the winter months. On the other hand, the nest and existing strikes of miners in the ping is being withdrawn from the stations for the winter mount.

On the other hand, the past and existing strikes of miners in the South, with others that are only threatening, have materially restricted the output, and induce the belief that there will be such an enquiry for coal in this market during winter as will still further en-The extra demand from the various departments of hance prices. The extra demand from the various departments of the iron trade, as well as for steam and manufacturing purposes, will also greatly help to harden quotations for the classes of coal and dross suitable for these purposes. During the week the coal shipments from the Scotch ports were again heavy, being 53,191 tons, against 35,455 tons in the corresponding week of 1870. We understand that Messrs, Merry and Cuninghame have purchased the cutire plant and works at Rheindardia near Renfew which includes not only the coal. works at Blairdardie, near Renfrew, which includes not only the coal, but also an excellent seam of blackband ironstone, just discovered. They are to enter on the working of it at once.

WAGES AND STRIKES.—After a few idle days, and some agitation the part of the colliers, the masters in Kilmarnock, Huriford, and Galston was granted the advance of 6d. per day sought by the men, the Portland fron impany having now also granted the advance. The masters in the Johnstone

district having withdrawn the advance after having conceded it, without any explanation, a strike is threatened it it is not paid at once. The central board of the miners of Fife met on Saturday, at Kirkcaidy, when it was resolved to address a circular to the coalmasters with reference to the present low rate of wages, and requesting them to meet in conference, with a view to the sottlement of the wages question.

The shipbuilders on the Clyde launched during last month 22 ves ls, of 22,200 tons; and during the eight months past they reached 120 vessels

of 119,600 tons.

The ship carpenters still remain on strike, having by a special motion refused anew to accept of the masters' offer of 28s. 6d. per week of 60 hours, the men requiring 28s. 6d. for 57 hours' work, being 6d. per hour. As an encouragement to hold out, it was mentioned that one man had offered ship-wrights 7d. per hour to break up two scows, and that one or two employers in other trades out of Glasgow, and various bodies of workmen, had offered to contribute funds for the support of the men on strike, and thus make them more able to remain out till their demand was acceded to. Is breaking up scows work for skilled workmen, a ven at 7d. per hour? Or are the meagre "contributed funds" from "various bodies of workmen" of more value to modern workmen than the cornucopia that is replenished by one's own honest labour? "Contributed funds," workmen well know, only procure bitter bread.

#### REPORT FROM DERBYSHIRE AND YORKSHIRE.

REPORT FROM DERBYSHIRE AND YORKSHIRE.

Sept. 7.—There has been no change with regard to the Iron and Coal Trades during the past week so far as Derbyshire is concerned. Pig-iron is still in active request, and a good deal is being sent to the works in Sheffield. In manufactured iron, including plates, tyres, and pipe and other castings, business is most satisfactory. The collieries are well employed for the season, and a large tonnage continues to be sent to London from Clay Cross, Eckington, Langley Mill, and Codnor Park. A Memorial Hall is about to be creeted in memory of the late George Stephenson, at Chesterfield, within a short distance of the Lockoford Colliery, which he sauk, and of the Midland Railway, which he laid out and constructed. The building will be on a commanding size, and within view of Tapton Hall, the home of the great engineer. At the Highfield Colliery, mear Alfreton, the men and boys, to the number of about 15%, have received notice to leave their employment from the proprietor, Mr. J. B. Wilson. This is said to be in consequence of a recent visit paid to the colliery by the Government. near Alfreion, the men and boys, to the number of about 150, have received no-tice to leave their employment from the proprietor, Mr. J. B. Wilson. This is said to bein consequence of a recent visit paid to the colliery by the Government Inspector of Mines.

There is continued activity at the works in Sheffield, more particularly at those engaged in the heavy branches of the trade. The armour-plate mills are kept fully going, and a good business is being done in ship and boiler plates. Bessemer steel, plain and manufactured, is in such demand that makers are kept going to the full power of production. Cutlery, files, and wire, have considerably improved, and as a rule trade may be said to be in a healthy state. In the South Yorkshire district the trade is in a satisfactory state, the works being kept well going, with some increased enquiry for foundry material. At Parkgate a new iron-cased furnace is being erected, and the works are doing a steady business. There is a good trade being done in steam coal to London, Hull and Grimsby, and also in gas qualities for the South. The colliers are about to apply to bheir employers for an advance to the extent of 5 per cent, which it is generally believed will be conceded. The remarks made by Lord Elcho at the miners' demonstration, on Monday, at Barnsley, with regard to the delaying of measures calculated to benefit the working classes, has received an apt and painful illustration in the terrible catastrophe at the Moss Plis, near Wigau, where 70 lives have been lost. For four years the miners have been before Parliament with a Bill calculated to ensure greater safety, but are still in the same place they were, through the intervention of Lord Elcho. Both masters and men agreed to certain propositions which would have been equally advantageous, so that there was no reason whatever for the Bill not passing. continued activity at the works in Sheffield, more parti-

#### REPORT FROM MONMOUTH AND SOUTH WALES.

Sept. 7.—Something like full time continues to be afforded to all the hands at the ironworks, although comparatively few orders have reached the district latterly. The market has gained nothing in activity during the past week, and but little change is looked forward reached the district latterly. The market has gained nothing in activity during the past week, and but little change is looked forward to for the next week or two. A good deal of uncertainty seems to hang over prices, and until the question whether there is to be a rise in quotations or not is decided it is not likely that much new business will be entered into. Some makers lean to the belief that a rise should be made in quotations generally, the rates now prevalling being lower than those obtained 12 or 13 months ago, and then it is justly remarked that the value of finished from has not kept pace with the upward tendency of pig. But it cannot be said that the majority of manufacturers can see the way clear to such a step, it being much doubted whether an advance in the "list" might not materially check the demand for the next quarter. Makers would undoubtedly restrict their purchases to the lowest possible limit, as they evince evident indisposition at present to place orders at higher values than those which have been current for the last month or so. In all probability another month will witness the market more decided in its tone, and if no general alteration be made in quotations, there is reason to think that contracts will be given out pretty freely up to the end of the year. The clearances of rail from have been heavy from this district for some time past, and there are a good many vessels of large tounage at the local ports waiting for eargoes, many of which will not be supplied until the end of the month or the beginning of the next. It is clear, therefore, that makers have no stocks, and there will not be surgent next for fresh engagements to keep the hands enployed for some time to come. There are some of the smaller firms, however, who are not so well off for orders, although they have sufficient for the time being, but unless some orders be forthcoming in the course of a week or two work will soon begin to run short at these works. Still it is pemature to apprehend any depression in the trade be

the collicries and at the ports. Large quantities of coal have been send down for shipment daily, and there being an abundance of shipping in the different harbours, shippers are able to load as fast as they can get the coal from the pits. There are, however, few, if any, complaints made of wagons being delayed on the ratilways. Judging from the orders on the books, it is evident that this state of things will last for some time to come, and there need be no fear but that the steam coal collers of Glamorganshire will be able to obtain regular work for at least two months. Intelligence of the termination of the strike has now been received at all the leading foreign stations, and the result is that orders are coming in freely from various quarters, and as far as can be now seen there will be no difficulty in regard to tunnage at the ports. Prices are fairly maintained, and it is not expected that they will fall back to the former low scale for sometime to come. In reference to the arbitration, it is expected that it will be immediately proceeded with, and the shortest course will, no doubt, be adopted to arrive at a cellsion as early as possible as to the rate of wages to be paid.

The Northern extension of the Rhymney Railway has been formally opened this week. The junction connects the lihymney line with the great system of the London and North-Western, and it has long been looked forward to as the most valuable and important extension in connection with the Rhymney line. By means of this branch direct communication is now established between the looked forward to as the most valuable and important extension in connection with the Rhymney line. By means of this branch direct communication is now established between and there is no doubt that a very large accession of traile will be the result. The opening was attended by Mr. Moon, and other directors and officials of the North-Western, and a banquet was held at Cardiff to celebrate the event, at which Mr. John Bryle, one of the trustress of the Marquis of Bute, presided, Mr. Boyle and Mr. Moon, in the course of their spieches, referred to the boundless wealth of South Wales in coal and from minerals, and the advantages which the district possessed for carrying on all manufactures that required any considerable supply of the two great staples—coal and iron. Mr. Moon remarked that he saw no reason why South Wales, instead of being merely a district for the production of rail and bar iron, could not compete successfully with the Midland Counties and the North in iron shipbulliding, hardware, and other branches of trade. The new junction is expected to be of immense advantage to the district.

to the district.

The arrivals at Swansea include— the Norman, from Bilboa, with 160 tons of iron ore, for H. Bath and Son; Kildare, from Quebec, with a cargo of timber, for Gregor Brothers; Sir William Pulterey, from Bilboa, with 290 tons of iron ore, for H. Bath and Son; Creole, from Hamburg, with 95 tons of marce salt, for Vivian and Sons; Ifleian Donner, from Hamburg, with 185 tons of copper ore, for H. Bath and Son; Giulietta, from Bordeaux, with 250 tons of pitwood, for Livingston, Richards, and Co.; Kitzabeth, from Bona, with 250 tons of iron ore, for Richards, Power, and Co.; Marie Zoe, from Bilboa, with 250 tons of iron ore, for T. Wood and Co.; Figlio d'Italia, from Cariforre, with 676 tons of zinc cre, for H. Bath and Son; Gala, from Bilboa, with 290 tons of iron ore, for T. Wood and Co.; America, from Montreal, with 25 tons of copper ore, for Richardson and Co.; Octavia, from Carifofree, with 655 tons of calamine, for Richardson and Co.

SOUTH WALES METAL AND COAL MARKET.—There was no market on Saturday last, and the attendance for the past two or three weeks has been very meagre—almost leading to the option that these markets will die out altogether—much, we should imagine, to the regret of merchanis and manufacturers, as there can be no doubt they are productive of much good in bringing the trade together, promoting business, and giving opportunities for the discussion of many subjects of interest to all.

The Board of Trade returns for August again show a decided in rease in the business of the country. Our total declared exports for that month amounted to 22.21,245., against 17.087,1961, in the corresponding period of 1870, showing an increase of 5,131,7491. The against tion is chiefly apparent in alkali, apparel and slops, coals, copper, c-tton yarn and twist, cotton manufactures, habordashery and millinery, hardware and cutlery, fron and stoci,

linen and jute, linen manufactures, machinery, seed-oil, slik, slik manufactures, woollen and worsted yarn, and woollen and worsted manufactures. Thimports in August reached 29,003,027., against 24,902,1917, in the corresponding period of last year. The imports of wheat were valued at 2,341,4251, against 1,713,007L; and the imports of cotton at 1,886,149L, against 2,402,417L

#### SOUTH MIDLAND INSTITUTE OF MINING, CIVIL, AND MECHANICAL ENGINEERS.

SOUTH MIDLAND INSTITUTE OF MINING, CIVIL, AND MECHANICAL ENGINEERS.

A monthly meeting of members of the Institute was held on Moreday at the office of the Institute, the Exchange, Wolverhampton, Mr. Henry Beckett, past president, in the chair. There were also present—Messrs. T. llose, B. P. Walker, J. Eglinton, J. Laxton, G. Gethen, Thomas Price, Henry Tolley, James Bromley, T. W. Bridge, W. Underwood, E. Phillips, W. Parton, J. Hancox, James Hodgkins, S. Watkins, J. Naylor, S. Austin, W. Davies, jun., B. Guy, and James Cope, F.G.S. (hon. sec.) At the last annual meeting the auditors of the accounts of the Institute, after reporting upon the excellent manner in which the accounts were kept, recommended that the hon. secretary's two years' gratuitous and valuable services on behalf of the Institute, which he had taken a leading part in founding, should be recognised in a substantial manner out of the funds at the disposal of the Council. The recommendation of the auditors was readily endorsed by the annual meeting, and the Council, in taking it up, made certain enquiries of the hon. sec., which resulted in their learning that that gentleman already owned presentation property of the kinds which usually embody the gratitude of such institutions for services gratuitously rendered by conspicuous members, and they seemed, therefore, to have no alternative but to vote Mr. Cope a sum of money. That sum they resolved should be 20L, subject to the unanimous sanction of the meeting and members. When the resolution was brought before this meeting it at once received the requisite approval, upon the proposition of Mr. Bernard Peard Walker, who spoke in high terms of the great indebtedness of the Institute to their hon. sec.—Mr. Cope, in acknowledging this expression of the confidence of his brother members, promised to continue to actively manifest in the Institute's behalf all the interest he was expeable of displaying, for its prosperity, he said, was of much concern to him. The Council, to whom the matter had been refe tively manifest in the Institute's behalf all the interest he was cepable of displaying, for its prosperity, he said, was of much concern to him. The Council, to whom the matter had been referred, reported that there was nothing in the rules precluding members of other institutes being members also of this, and they recommended adherence to the rules in this respect when members were proposed for admission. The meeting expressed satisfaction at the report of the Council, and adopted it. Mr. Donald McMunroe, of the Wyley Colliery Company, was elected a new member unanimously.

Mr. T. Rose and the hon. sec. announced that the Institute had received a very cordial invitation to visit the collieries and works of

Mr. T. Rose and the hon. sec. announced that the Institute had received a very cordial invitation to visit the collieries and works of the Lilleshall Company, and to accept the hospitality of Mr. E. Jones, the mining engineer of the company, at that gentleman's residence. Granville Cottage. The Institute accepted the invite, with expressions of obligation. The visit will be made on Friday next, the train for which the hon. sec. had made arrangements starting from the Great Western railway station in Wolverhampton at nine from the Great Western railway station in Wolverhampton at nine in the morning. When arrangements necessary to the next publication of the "Transactions" of the Institute had been made, and the papers to be next read mentioned, the business ended.

#### THE SOUTH STAFFORDSHIRE AND EAST WORCESTER. SHIRE INSTITUTE OF MINING ENGINEERS.

An ordinary monthly meeting of members was held on Monday, in the Museum of the Mechanics' Institution, Dudley; Mr. William Spence in the chair. The following gentlemen were also present-Messrs, J. M. Fellows, J. Ritson, J. Hughes, G. Spence, T. Latham, E. Taylor, J. Williams, T. Brettell, W. H. Hall, J. Gething, M. H. Hancox (visitor), and Henry Johnson (hon. sec.).—Mr. Johnson said he had written to Mr. Minton thanking him for his offer to show the northern engineers his new pit and plant, and intimating that his offer would be thankfully accepted next year.—The Hoa, Sec. also reported that he had written a letter of condolence to Mrs. Ec. Greenway, on the death of her husband.—Mr. Frederick Scott, wire rope mannfacturer, Manchester, and Mr. John Oliver, M.E., Hawkesbury Colliery, Bedworth, were unanimously elected members of the Institute.

Mr. WILLIAMS moved and Mr. RITSON seconded the following

Mr. WILLIAMS moved and Mr. RITSON seconded the following Mr. WILLIAMS moved and Mr. MITSON seconded the following resolution:—"That the accounts relating to the late excursion left in the hands of the Council, with power to settle them in the best way they can, and charge the Institute funds with any balance that may be required to discharge such accounts." Carried unanimously.—Mr. C. J. Cooper, Pensnett, coalmaster, was proposed for

membership.

Mr. W. H. Hall presented to the Institute, on behalf of Mr. Ben. Mr. W. H. Hall presented to the Institute, on behalf of Mr. Benjamin Dudley, engineer, Wednesbury, a patent lubricator, which had the advantage of regulating the supply of oil or grease.—A vote of thanks was passed to Mr. Dudley.—Upon the suggestion of the hos. sec. it was agreed that a letter of condolence should be sent to Mrs. William Mathews.—Mr. JOHNSON spoke highly of the lately-deceased Mr. Mathews, who was a great friend and adviser of all connected with the mining interest. In the very building in which they st Mr. Mathews had spoken warmly of the probity and honour of the Black Country mining engineers when they were attacked on a certain occasion.—The Hon. Sec., alluding to the presence of Mr. Hacox, the assistant engineer of the Birmingham Canal Company, said they would all remember the splendid sight witnessed in the tuned they would all remember the splendid sight witnessed in the tuned as they passed through on the previous Thursday. He was sory, however, to say that, through the conduct of Mr. Collett, the manager of the Dudley Gas Company, the tunnel did not look so well at the Canal Company could have wished. Mr. Collett declined to let the company have a proper supply of gas, and refused to assist in any way whatever to alter the predicament in which he had placed them. Several members expressed in vary decided towns. this collett them. Several members expressed, in very decided terms, their opinion of Mr. Collett, and affirmed that they were delighted with the tunnel, which looked better by the coloured lights than it would have done with gas,-The other business was formal.

### THE MINERS' ASSOCIATION, AND THE MINES BILL.

A meeting of the Executive of the Miners' National Association, and of the Executive of the Amalgamated Association of Miners, has been held at Manchester, to consult as to the action to be taken in consequence of the withdrawal of the Miners Bill, and on other matters affecting the interests of the colliers. Mr. ALEXANDER McDONAL as the president and secretary of the Parliamentary Committee from the miners of the United Kingdom, presided. It was moved by Mr. SILCOCK, "That an address be issued to the miners of Great Britain on the necessity of action on their part to get good mines Bills next session, as other measures of importance." Seconded by Mr. PHILIP JONES, and agred to. Moved by Mr. SAMBROOK, "That the form of a petition be prepared in colliery, and signed on their behalf by the chairman and secretary of the meding," This was seconded by Mr., BULT, and agreed to. Moved by Mr. 7035, "That Vr. McD mald prepare the address and petition and all other matter be printed on behalf of the United Parliamentary Committee of the Miners of the United Kingdom." This was seconded by Mr., NICN, and agreed to. Moved by Mr., SILSTONE, and agreed to. Moved by Mr. De Data of the United Parliamentary Committee of the Miners of the United Kingdom." This was seconded by Mr., NICN, and agreed to. Moved by Mr., SILSTONE, and agreed to. Moved by Mr., This thie, David-street, Manchester, on Monday, November 8, 1844, 10 A.M., to discuss the questions hereinafter specifical, relating to the wellard the entire unling community." Seconded by Mr., NICNSTONE, and agreed to. Mr., NICNS moved, "That the conference be called to emisder the following Mr., NICNS moved, "That it the conference be called to emisder the following for new law on compensation for death and injuries through the neglect of players or persons it charge of mines or colliciries. Also, to consider the operation of the new Criminal Amendment Act." This was seconded by Mr., Bust and agreed to. A meeting of the Executive of the Miners' National Association,

Mr. Buhr called the attention of the meeting to the iniquitous of the registration under the Trades Union Act.—Mr. Silkstone most his raceting would recommend that no miners' association register Trades Union Act till the Criminal Amendment Act is repeated. If trither recommend all other Unions to refuse to register. This way Mr. Hunt, and agreed to.—Mr. Buhr moved "That the coming also chelder how the miners would use be able to get some of their into the House of Commons to represent fully their interests. They the same time, respectfully solicit all the Trades Unionists in the consider this question,"—This was seconded by Mr. PHILIP JONES, to.—Mr. DODD moved, "That there be printed 20,000 copies of the these 15,000 to be in English and 5000 in Weish. Also, that there 5000 copies of the pettion."—This was seconded by Mr. SILCOCK, and —Mr. H. THOMAS moved, "That, as the meeting they had now b great importance, there be 5000 copies of the minutes printed for the second of the minutes printed for the minutes of the minutes of the minutes of the contraction of the minutes of the minutes of the contraction of the minutes of the min Mr. Burr called the attention of the meeting to the iniquitous oper-

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ALYSES and to by Dr

immediately."—This was seconded by Mr. Young, and agreed to.—The meeting was encluded by a vote of thanks being tendered to Mr. McDonald.—Mr. McDonALD replied by stating that it was bis intention now to have some rest, but he let he could not till a Mines Bill and other measures were obtained.

PUDDLING IRON.—By the invention of Mr. W. Robinson, of Old Balley, furnaces have an oscilating movement imparted to them, for throwing the molten metal from side to side, and thereby mechanically puddle the iron.

### THE COMMERCIAL AGENCY OF BRAZIL.

LEADENHALL STREET, LONDON, E.C.,
Undertake the PROMPT EXECUTION of all ORDERS for the PURCHASE
of BRAZILIAN PRODUCE, and the PURCHASE of GOODS in all European

markets.

The sale in Brazil, South America, England, India, and Spain of all consignments of produce, goods, carthenware, machinery, railway and telegraph plant, garanteed ironwork, agricultural implements of all kinds, cement, coals, &c. Purishes information and as-istance to all those desirous of emigrating to Brazil, and contracts for the settlement of emigrants in any part of the Empire. Has several landed estates in Brazil to dispose of, suitable for capitalists and

Has several hards and adjustment of all claims.

The Agency also undertakes the collection of bills payable at any part of the Empire—realisation and adjustment of all claims.

Office Hours: Ten till Four.

J. DR A. FORTUGAL, Manager.

#### THE CANADIAN OIL WORKS CORPORATION

SUE of 1000 TWELVE PER CENT. FIRST MORTGAGE DEBENTURE BONDS of £100 cach, payable to Bearer, scoured by a first charge upon nine large productive Oil Wells, Distillery, Machinery, Plent, and il 8 Acres of Freehold Oil Lands new in full operation, and yielding an annual profit of upwards of £100,000.

These Mortgage Debenture Bonds of £100 cach will bear interest at the rate of 12 per cent, per annum, payable balt-yearly at the Bankers in London, the principal being redeemable with a bonns of £10 per bond by ten half-yearly drawings, commencing on the 1st March, 1872, the whole being paid off within a period of five years from that date.

The CANADIAN OIL WORKS CORPORATION (Limited) have authorised Hessis BLYTH and Co., 17, Gracechurch-street, E.C., to OffEr for SUBSCRIPTION the above-mentioned BONDS. These bonds will be secured by a first charge registered in Canada in favour of trustees for the bondholders upon the whole of the frechold and other property and works of the Corporation. In the allotment of these bonds preference will be given to applications for fully paid-up bonds. In addition for such share be forwarded with the letter containing application for such share be forwarded with the letter containing application for such share be forwarded with the letter containing application for the fully paid bonds.

At to the probable value of such shares, it is estimated that the sum available for distributions of the first paid bonds.

The bonds will be dated the 1st of September, 1871, and carry interest at the ratio if 2 per cent. per annum, payable half-yearly, for which ecupous will be stateled.

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CANADIAN OIL WORKS CORPORATION (LIMITED). Registered under the Companies Acts of 1862 and 1867

Capital £340,000, in shares of £25 each.

Capital £340,000, in shares of £25 each.

TRUSTEES FOR MORTGAGE DEBENTURE BONDHOLDERS.
The Right Hon. W. N. MASSEY, Chairman of the National Bank.
PHILIP PATTON BLYTH, Esq., London and County Bank, 21, Lombardstreet, E.O.

Rear-Admiral SIR SJOHN DALRYMPLE HAY, Bart., C.B., M.P.
RESENVICK, Esq., C.R., M.P.
WM. MYULLAGH TORRENS, Esq., M.P.
FREDERICK FRANCIS, Esq., Director of the London and County Bank.
COMMITTEE OF MANAGEMENT IN CANADA.
The Hon. JOHN H. MONROE, M.P., for West Eiglin, Warlsville, Ontario.
The Hon. RUFUS STEPHENSON, M.P., for Kent county, Chatham, Ontario.
BENRY PRINCE, Esq., Petrolia, Ontario.

BANKERS.

S LONDON-THE LONDON AND COUNTY BANKING COMPANY, 21, Lombard-street, R.C., and its branches; and Messre, HERRIES, FARQUHAR, CHAPMAN, and Co., 16, St. James-street, S.W.

SOLICITOR.
IN LONDON—H. WELLINGTON VALLANCE, Esq , Moorgate House,
Moorgate-street, E.C.

SECRETARY (pro tem.) -Mr. T. IRVING TAIT. OFFICES,-IN LONDON-10, GEORGE-YARD, LOMBARD-STREET, E.C.

OFFICES,—IN LONDON—10, GEORGE-YARD, LOMBARD-STREET, E.C.

ABRIDGED PROSPECTUS.

The Canadian Ollworks Corporation (Limited) is established mainly for takagover and working one of the largest and most complete sets of wells in fanda, together with the distillery, reficery, plant, machinery, effects, stock strade, freehold estates, and good will appertaining thereto. These freehold states consist of upwards of 118 acres of proved oil land.

The wells, nine in number, are among the largest producing wells in the termitory. They are now yielding an average supply of above 8:0 barrels per day. These statements are founded upon the reports of the managers of the wells, let daily vouchers from the Great Western Railway of Canada up to July 17 att, and a full report upon the whole property made under the personal direction of the Britannic Majesty's Consul at Buffalo, by Mr. J. J. Francis, the official Government surveyor.

The plant and machinery are reputed to be the most complete for oil purses. They comprise nine steam-engines, from 20 to 50- herse power each, with recessity believs, lift, force, rotary, steam, and other pumps. There are undersond, overground, and shipping tanks, capable of holding about 1,2'0.0'0 silias, and there is a complete system of iron tubes direct from the wells to be distillery, to the tanks, and to the shipping station of the Great Western is been considered and the stating of the country.

The distillery, which is at present capable of working over 43,000 gallons of lep week, is of the most modern, scientific, and conomic construction, comming all the improvements suggested by years of experience in all the other sullers of Canada, and the distillery and refinery works now in progress of xetion will increase the present capabilities of treatment to 300,000 gallons of testion will increase the present capabilities of treatment to 300,000 gallons of testion will increase the present capabilities of treatment to 300,000 gallons of testion will increase the present capabilities of treatment

week, the profits of the Distillery which will come into the second half-year's returns the profits of the State of \$26,000 (\$346£, 13s, 40.) thus bringing up the total fit from the preemt wells and works to upwards of £125,000 for the year. It is the profits of the apportioned shares, you made on the forms accompanying the prospectus, which must be filled and preemt of the altomate the the shares of the Corporation.

The vented to the bankers of the Corporation of Application, may be obed at the Bankers, and at the offices of the Company.

ANADIAN OIL WORKS CORPORATION (LIMITED).—
The SUBSCRIPTION LIST for the TWELVE PER CENT. FIRST MORT65 DEBENTURE BONDS will be closed on TUESDAY next for LONDON,
40 WEDNESDAY next for COUNTRY APPLICATIONS.

671. 8, 1871.
17, Gracechurch-street, London. ept. 8, 1871.

ERAL MINING OFFICES.

BEDFORD FOUNDRY, TAVISTOCK, CONDUCTED BY
MR. CHARLES F. COLLOM,

MR. CHARLES F. COLLOM,
MINING ENGINEER, AGENT, AND SURVEYOR,
to undertakes the entire local Management of Mines, including Dialling,
making accurate Underground Communications and Plans,
at a stipulated salary.

the Inspected and faithfully Reported on, orders for which purpose should add for Mr. Collom, or his Agent.

Subsciers of New Mining Enterprises (which will bear the strictest scrutiny) itel every assistance.

When the in Mines arranged for Capitalists—the condition of the com

atments in Mines arranged for Capitalists,—the condition of the con s, as well as the prospects of the Mines, being first strictly investigated.

S F. COLLOM OFFERS FOR SALE ONE THOUSAND these shares he recommends as a bona fide speculation. The Immediate pur-ibile in length on the course of the loues, which are a continuation of the productive lodes of Okel Tor, the directors of which mine is no OFFER. WAYNESS out prospects anticipate shares will be in demand at from £2 to £3 each. ®, an OFFER WANTED for ONE HUNDRED OKEL TOR.

ABORATORY OF ANALYTICAL CHEMISTRY, -
4. THE CEDARS, PUTNEY, LONDON, S.W.

ESTABLISHED 1859.

LONDON, S.W.

ALYSES and REPORTS on METALLIC ORES, METALS, &c., daily at to by Dr T. L. Phipson, F.C.S., Member of the Chemical Society, &c.

TITANIC STEEL AND IRON COMPANY (LIMITED).

STEEL AND IRONWORKS FOR SALE, BY PRIVATE TREATY.

THE LIQUIDATOR of the ABOVE-NAMED COMPANY is prepared to TREATY for the SALE, by private arrangement, as a going encern, of the WHOLE of the company's VALUABLE FREEHOLD MANUFACTURING PREMISES, known as THE FOREST STEEL WORKS.

Situate at COLEFORD, in the FOREST OF DEAN, GLOUCESTERSHIRE extending over an area of about SEVEN ACRES, together with all the WORK SHOPS, ROLLING MILL, FORER, STOREHOUSES, OFFICES, PLANT and MACHINERY; also some valuable PATENTS, LICENSES, and LEASES, including LEASE of DAIKHILL and SHUTCASTLE COLLIERIES.

The Liquibiator is also prepared to treat separately for the sale of the ROLLING MILL, with ENGINES, BOLLERS, LATHES, SHEARS, &c., therein, which are all nearly new, and in first-class working order. There are THREE TRAINS of ROLLS-viz., 10 in., 12 in., and 10 in. wire train—all driven by a 32 in. cylinder horizontal high-pressure non-condensing engine (75-horse power nominal), by Davy Brothers, of Sheffield. Fly wheel 2) ft. in diameter, weighing 20 tons.

ing 20 tons.

Full particulars and orders to inspect the works can be obtained on application to ROBERT FLETCHER, 2, Moorgate-street, London, E.C., the Liquidator;
or to R. WOODWARD, Forest Steel Works, Coleford.

The usual business of the company is meanwhile carried on at the works.

#### ARMAGH LEAD MINING COMPANY (LIMITED).

TO BE SOLD, BY PUBLIC AUCTION, by Mr. F. F. CAMPBELL (Auctioneer, Dundaik), on Thursday, the 21st September, 1871, at Twelve of clock at noon, on the CREGGAM MINES, near CROSSMAGLEN, DUNDALK, IRELAND, all the MACHINERY and PLANT, consisting of—ONE 36 inch cylinder COURNSII PUMPING ENGINE, 8½ feet stroke, with TWO BOILERS, about 8 tons each.

ONE 16 inch HORIZONTAL ROTATCRY CONDENSING ENGINE, 5 feet stroke, with TWO BOILERS, about 8 tons each.

ONE 16 inch HORIZONTAL ROTATCRY CONDENSING ENGINE, with ONE BOILER, about 6 tons, stroke 5 feet, with winding and pumping gear attached. ONE CORNISH GRUSHING MILL, rollers 22 inches diameter, with cast-iron rate wheel and fittings, complete—all in excellent condition.

About 45 fathoms 9 inch MAIN RODS, with strapping plates, boits, &c., and about 80 fathoms 9 and 16 inch PUMPS, all with working barrels, H-pieces, and door-pieces to match,—all nearly new.

About 125 fathoms 6 and 7 inch PUMPS, with working barrels and door-pieces complete; also ONE 8½ inch PLUNGER POLE, with pole case, stuffing box and gland.

150 fathoms 10 inch CAPSTAN ROPE, TIMBER, CHAINS, WIRE ROPE, and all the necessary MATERIALS to a going mine.

Capt. BAILEY, Crossmaglen, will show the materials on the ground, and a "y further particulars required will be given by—

T. CURRIE GREGORY, C.E., Liquidator.

62, St. Vincent-street, Glasgow, August 28, 1871.

CHILIAN COPPER MINES, AND MINING PROPERTY.

CHILIAN COPPER MINES, AND MINING PROPERTY.

TO BE SOLD, pursuant to an Order of the High Court of Chancery, made in a Cause of "WATERS v. WATERS," with the approbation of the Maister of the Boils, at the Auction Mart, Tokenhouse-yard, Lothbury, in the City of Londor, at "Two o'clock precisely, on Tuesday, the 9th day of January, 1879, by Mr. ROBIERT C. DILVER (of the firm of Mesare, Driver, of Whitchall, London), the Auctioneer app inted by the said Judge to sell the

same,
The WHOLE of the EXTENSIVE and RICH COPPER MINES, PARTS OF
MINES, MINING PROPERTY AND MATERIALS, and FREEHOLD PROPERTIES in CHILI, with the STORES and BUSINESSES carried on in connection with the said Mines, forming part of the Chilian Estate of Sampson Waters,
late of Cyllyngdune, in the county of Cornwall, Esq., deceased. The Mines

late of tyllyngune, in the county of Cornwall, Esq., deceased. The Mines consisted—

1.—The ENTIRETY of the SAN PEDRO MINE.

2.—TWO-PHIRDS of the celebrated DESCUBRIDORA MINE, with the adjoining SETTS of SAN JUAN, CANCHAS, and SAN FRANCISCO.

3.—THREE-FOUNTI PARTS of the COLORADO (SILVER) MINE.

4.—NINE FORTY-RIGHTH PARTS of the JUANA (SILVER) MINE.

5.—The ENTIRETY of the SAN ANTONIO MINE.

6.—The ENTIRETY of the SAN ANTONIO MINE.

San Pedro Mine, situate about 60 miles from the port of Chanaral, has given immense riches, but owing to a run a new shaft had to be sunk 122 fathems from the ourface, and is now communicated with the lode at this depth. The lode is composed of black and yellow sulphurets, of a produce of 60 per cert, for copper. The burrows are large, and will pay for working over, having water sufficient in the mine to do so. A good will of pure water is near to and belongs to the mine.

ficient in the mine to do so. A good will of pure water is near to and observe to the mine.

The Descubridora Mine has been working since 1829, and has yielded large profits from that date, and continues to do so. It is now down to the 94 fm. level, and has been rich from the surface. The ore is lengthening, the average width of the vein being from 30 to 80 feet, composed of yellow sulphurets. The burrows, by applying steam crushers, will yield large returns. Within the last few months two new steam-engines have been erected at a cost of £600, and are now at work: these will increase the returns. The engines are one of 20-horse power for drawing, and one of 8 horse power for crusher. The mine is in therough working order, and well stocked with materials, rails, liggers, crushers, &c.

are now at work; these will indeed and the power for crusher. The mine is in therough working order, and well stocked with materials, rails, jiggers, crushers, &c.

The adjoining setts of San Juan, Canchas, and San Francisco were acquired for the purpose of securing the ground in all directions round the Descubridora Mine, and they have since been worked on a limited scale. The Canchas is making a small profit. San Juan and San Francisco are bring worked at a trifling loss. The other mines above mentioned are promising concerns.

Remunerative shops and stores are attached to the mines, and are carried on in conjunction with them.

The other property which will be offered for sale consists of an entirety of FREKHOLD DWELLING HOUSES, STORES, SHOPS, WATERING PLACE, TIMBER MATERIALS, ORE FLOORS, and other property (including a large condensing apparatus), situated at Channaral, Chanarcito, Copiapo, and Tres Puntas; the Quinchigul establishment, or watering place, with the dwelling house, store yard, carts, and mules; two-thirds of the Vega establishment, with the yards, houses, shops, and stores; two-thirds of the Vega establishment, with the yards, houses, shops, and stores; two-thirds of the Wega establishment, with the yards, houses, shops, and stores; two-thirds of the Wega establishment, with the yards, houses, shops, and stores; two-thirds of the Wega establishment, with the yards, houses, and prediction of the Wega establishment, with the yards, houses, a per a deciration of the Wega establishment, with the watering place at Tres Puntas, and one moiety of the watering place at Tres Puntas, and one moiety of the watering place at Punta Negra.

Plans of the San Pedro and Descubridora Mines, and printed particulars and conditions of sale may be obtained of Messrs. Price, Bolton, and Filder, of Liucoln's Ina, London; of Mr. B. T. G. Downing, Redrow, London; and of Messrs. Coode, Kingon, and Cotton, Solicitors, Bedford row, London; and of Messrs. Driven, Surveyors, Land Agents, and Auctioners. 4, Whitehall, Londo

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The above Mine is situate within two miles of the Glandovey Station, on the Cambrian Railways, and there is an excellent road thereto.
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For further particulars, apply to Mr. ADAM EVANS, Stationer, Machynlieth, Montgomeryshire.

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Incoming lessess can have the plant and machinery, now upon the premises, at an annual rent, with a right to purchase at any time during the lease, on terms to be agreed upon.

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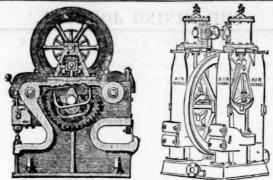
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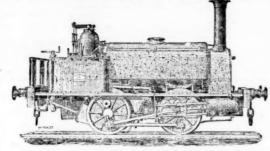
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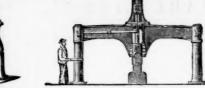
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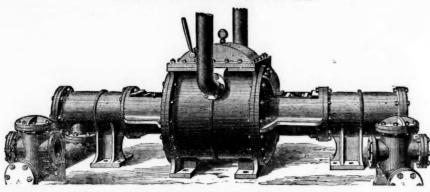
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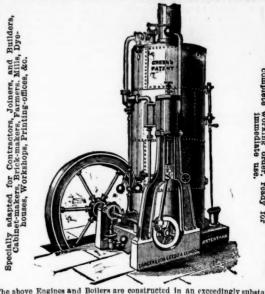
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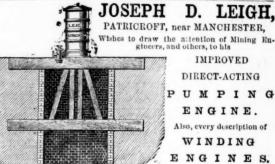
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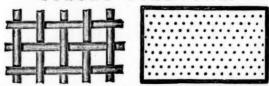


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300	Brown, Jol	and Co	PI. 1	· fra·l · ·		70	0			13	pm.
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02	Fairbairn	Presincerin		*******				0	 5		dis.
	General Mi					5	0		 11/4		pm.
3.5	Honking G	likes and	Col	I [m.j.e	****	20	0		 8	10	
10	Hopkins, G	Common	Co. L		*******	10	0	0	 78	dis. t	o par
10	Ironmaster	e Compan	A I'm	]	******	10	0		 -	-	
10	Midland Ir	on co. [II.	1		******	5	0	0	 6	7 xd.	
275	Mersey Ste	el and Iroi	Co.	[ [ ]	*******	31	10	0	 796	798	dis.
***	Mwyndy I	ron Ore [L			*****	3	10	0	 21/2		dis.
100	Nantyglo i	and Blains	(Ptr)	р. в р. с.	pref.)	25	0			18. 34	
1	Nerbudda	Coat and 1	ron	*******	******	0	7		 par.	36	pm.
35	Palmer's S	eniponitain			). [L.]	25	0	0	 1	3	pm.
85	Ditt			ditto		85	0	0	 1	3	pm.
100	Parkgate I	ron Co. IL	.]	******	******	65	0	0	 1/2	pm.	par.
20	Patent Sha	art and Ax	letrce	Co. [L.]		10	0		 61/2	pm.	xd.
50	Rhymney !	Iron Co. [4	4.]	*****		50	0	0	 17	15	dis.
18	Ditto	New			*******	15	0	0	 514	416	dis.
50	Shotts Iron	n Co		******	******	0.0	0	0	 20	19	dis.
100	Sheepbridg	ge Iron and	I Coa	1 Co. [L.	]	88	0	0	 5	4	dis.
100	Staveley I	ron and Co	al Co	******		60	0	0	 49	51	pm.
100	Ditto	ditto	D	iew	*******	10	0	0	 8	9	pm.
100	Thames Ir	on Compa	Dy	*******	*******	10	0	0	 9	11	pm.
714	Titanie Ir	on and Ste	ol			5	0	0		_	
100	Vancouver	Coal [L.]			******	6	0	0	 Par	r. 1	pm.
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hares. Mines.	Paid. 1	ast Pr. Business.		share, Lastn	and.
1500 Alderley Edge, c, Cheshire	10 00.		10 11 8 0	5 0July	1871
0000 Blace Caelan, s-l. Cardig	1 00.	. 134 114 134	0 100	1 0 May	1871
200 Boscaswell, t, c, St. Just	1 00.			2 0. Apr.	1870
200 Butallack t c. St. Just	91 50.	260 240 250	601 5 0 6		1871
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1000 Brockwood, c, Buckfastleigh	1 16 0 .		. 1 0 0 0	0 0Ju'y	1871
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5094 Bwich Consols, s-1, Cardigan				2 0 May	1870
400 Cashwell, I. Cumberland.	2 10 0		0 18 0 0	3 6 Sep.	1871
500 Castle an-Dinas, t, St. Columb	2 00		0 200	2 0 July	1871
858 Cargoll. s-1. Newlyn	16 5 7		16 15 0 0	10 0 Aug.	1869
1000 Carn Brea. c. t. Illogani	35 00	155 140 145	282 10 0 2	0 0 Aug.	1871
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867 Cwm Erfin. l. Cardiganshire	7 10 0		31 13 0 0	5 0 Jan.	1871
100 CWM Erin. t. Cardiganshire	60 0 0		301 10 0 0	O O Tole	
128 Cwmystwith, I, Cardiganshire	900 0 0		391 10 0 2	0 0. July	1869
280 Derwent Mines, s-1, Durham 024 Devon Gt. Consols, c. Tavistocki	300 0 0	105 95 100	177 0 0 2	10 0 July	1868
024 Devon Gt. Consols, c, Tavistock	1 0 0		1153 0 0 4	0 0 May	1871
432 Dolcoath, c, t, Camborne	39 14 0		7 10 0 0	15 0 Aug.	1870
482 Dolcoath, c. t. Camborne	32 46	182 180 183	260 12 6 3	10 0 Aug.	1871
800 Drake Walls, t, Calstock t	2 10 0	5% 5 5%	1 3 3 0	1 0July	1870
144 East Caradon, c. St. Cleert 300 East Darren, l, Card ganshire	2 14 6	514 5 514	14 14 0 0	2 6. July	1871
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Boe East Wheal Lovell, t, wendron				12 6 Aug.	1871
300 East Darren, t, Carolina 16400 East Pool, t, c, Pool, Illogan 1906 East Wheal Lovell, t, Wendron 1800 Foxdale, t, Isle of Man*	25 00		78 10 0 0	10 0June	1871
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1950 Camton & Tavistock	3 10 6		0 8 0 0	3 0 Jan.	1868
3950 Gawton, c, Tavistock		17 16 17	14 8 0 0		1871
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000 Great J.Axey, f, Isle of Man- 1000 Great Northern Manganese* 1908 Great Wheal Vor, t, c, Helstont, 2240 Gunnislake (Clittors'), t, c, 224 Herodsfoot, l, near l.iskeard; 1000 Killaloe, st, Tipperary 126 Levant, c, t, St. Just 127 Lisburne, l, Cardiganshire 128 Levant Valley, c, Caradon	4 19 0	0.74.0 0.75 10	15 12 0 0	3 6June 1 0Nov.	1010
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000 Mining Co. of Ireland. c. I. cl	7 0 0		. 0 4 614 0	2 1July	1870
400 New Pembroke, t, c, Par Station. 900 North Levant, t, c, St. Just	5 00		0 76 0	2 6. Mar.	1871
2000 North Levant, t, c, St. Just	10 12 0	15 14 15	3 50 0	15 0 Aug.	1871
610 North Wheal Crofty, c. Illogant	3 11 8	214 114 2	0 56 0	1 6June	1871
256 Pendarves United, t, c, Camb	86 00	52% 50 52	21 00 3	0 0. July	1871
and the state of the American	9 0 0		1 19 6 0	0 O And	1871
000 Penhalls, t, St. Agnes	0 0 0		470 110 0 0	3 0 Aug.	
500 Phoenix, t, c, Linkinhorne	50 00		470 10 0 7	0 0June	1871
772 Polberro, t, St. Agnes	15 00		0 17 6 0	10 0 May	1871
000 Poldice, t, c, Gwennap	10 00		1 10 0 0	10 0Oct.	1870
800 Prince of Wales, c. Calstock	0 12 6	36 . 34 74	0 10 6 0	1 0 Nov.	1849
100 Providence t Uny Lelantt	10 6 7	27 25 27	102 2 6 0	10 0 June	1871
000 Penhalis, t, c, Linkinhorne  500 Phemis, t, c, Linkinhorne  772 Polberro, t, St. Agnes  000 Poldicc, t, c, Gweunap  800 Prince of Wales, c, Calstock  120 Providence, t. Uny Leiant†  900 Queen, s, c, Calstock  863 Rosewall Hill & Ransom, t.	0 10 0		0 20 0	1 0 Dec.	1870
000 Queen, s, c, Carston	4 00		0 14 6 0	1 6June	1871
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123 South Condurrow, t, c, Camborne 1000 South Darren, l, Cardigan	5 56	934 91/2 10	0 76 0	2 6June	1871
000 South Darren, I, Cardigan*	8 6 6		1 16 0	1 6 Nov.	1870
937 South Wh. Crofty, c, Illogan	24 10 10.	21 21 22	3 00 0	10 0 June	1870
40c Ho Wh Frances, c. Illog. t	18 18 9	521/2 49 51	374 18 6 1	0 0Mar,	1868
240 Spearn Moor t St. Just	36 17 9		16 15 0 1	0 0June	1871
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1000 Trumpet Cons., t, Helston	5 15 0	17 16 17	7 10 0	10 0June	1871
771 St. Just Amargamuco; 000 Tankerville, I, Salop* 1000 Tancroft, ¢, t, Pool, Illogant, 1000 Trunce Cons., t, Heiston 1000 Trunce Cons., t, Heiston 1000 W. Chiverton, I, Perranzabuloet 112 West Wheal Frances, t, Illogan	4 50	57 55 571/6	4 14 0 0		1871
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tie West Wheel Frances t. Illogen	106 15 0	60 65 67%	6 10 0 1	0 0Apr.	1871
400 W Wheel Scien & Combounce	47 0 0		679 0 0 2	10 0Ang.	1871
400 W. Wheat Beton, c, Combot nel	1 00.			1 0 Aug.	
288 Wheal Arthur, t, Calstock	1 00.	65 6216 6716		1 0 Aug.	1871
512 Wheal Basset, c, Hogant	5 26	42 . 40 42	632 10 0 1		1868
519 Wheel Jane, 8-l. Kea	10 15 0	42 40 42	38 10 0 1	10 0 Nov.	1870
1295 Wheal Kitty, t, St. Agnes	5 4 6	914 9% 10	6 18 0 0	10 0 Aug.	1871
024 Wheal Kitty, t, Uny Lelant	8 10 6	84. 9% 10	13 12 6 0	5 0 Apr.	1871
see Wheel Margaret & Uny Lelant	18 17 6	17 16 17	80 7 6 0	12 6 Aug.	1871
896 Wheal Margaret, t, Uny Lelant . 1024 Wheal Mary Ann, l, Menheniot !	9 0 0		72 17 6 0	10 0 Tune	
024 Wheal Mary Ann, l, Menheulott	0 10 0		72 17 6 0	7.0000	1871
000 Wh. Mary Hutchins, Plymp., t 80 Wheal Owies, t, St. Just;	2 12 6		0 11 6 0	7 6 Sept.	1871
80 Wi cal Owies, t, St. Just:	70 00		493 0 0 8	0 0 Aug.	1871
2000 Wheal Russell, c, Tavistock	1 00		0 200	1 0June	1871
206 Wienl Seton, L. C. Camborna	61 0 0	321/2271/4 321/4	254 15 0 2	0 0 Feb.	186,
one Wheal Uny t e Redruth	10 14 6	814 71/4 8	0 11 0 0	6 0 Inter	187.
1096 Wheal Uny, t, c, Redruth			50 26 0	6 0. July	1871
OU WICKIOW, C, 1, WICKIOW	2 10 0			2 6 Sept.	1010
FOREIGN	VIOL	IDEND MI	NES.		-
5000 Alamillos, I, Spain*1	2 0 0	218 134 2	0 15 6 0	2 6 Mar.	1871
30000 Almada&TiritoConsolidated,s*†	1 00	1% 114	0 23 0	0 9June	1871

2000	in frette Truckerit of Turingoen				001/					~			a sea mille	101
	Wieal Seton, t, c, Camborne			0 .		27% 32%	6	254	15	0	2	0	0 Keh.	186,
4096	Wheal Uny, t, c, Redruth	10	14	6 .		71/2 8		0	11	0	0	6	0. July	187
1000	Wicklow, c, i, Wicklow	2	10	0 .	61/8	6% 7		50	2	6	0	2	6 Sept.	187
	FOREIGE	3	n	IV	IDEN	D M		ES.						,
35000	Alamillos, I, Spain*1	- 3		0 .					10	6	0	2	6 Mar.	1871
130000	Almada&TiritoConsolidated,s*†	1		0.		1 11/4			2	3	0	0	9June	1871
20000	Australian, c, South Australiat	7		6 .				-	1	6	0	0	6 Aug.	1868
15000	Cape Copper Miningst	7		0 .		14 15	**		7	6.,	0	10	0 Apr.	1871
30000	Central American Association*	0		0 .			**		6	0	0	1	0July	1869
21000	Colorado Terrible, s-1, Colorado * †	5		0.		51/6 6			6	0	0	1	6. June	1871
10000	Cop apo Mining Co., Chilitt	16	10	0 .		11/4 21/4		0	4	0	0	4	0. April	1809
76162	Don Pedre North del Rey * !	0	14	0 .		81/2 33/4		2	8	9	0	4	0 Mar.	1870
28500	Eberhardt & Aurora, s, Nevada *†	10	0	0 .	40	16 38		1	0	0	1	0	0July	1871
70000	English and Austranan, ct	2		0 .				1	19	9	0	0	9	1869
	Fortuna, I, Spain*†	2	0	0	81/4	234 314		2	5	4	0	2	6 . Var	1869
10000	Gonnesa, I, Sardinia*	5	0	0				1	0 p	er ce	nt		Aug.	
68000	Kapunda Mining Co., Austrat.	1		0	. 1/4	1/4 1/4		0	1	10.	0	0	6. Nov.	1308
	Linares, I, Spain*†	3	0	0	414	334 414		12	18	4	0	5	0. Mar.	1871
	Panulcillo, c, Chili*	4	0	0				. 1	" P	Pr C	ent		Yea	
	Pontgibaud, s-l, Francet	20	0	0	15			9	8	9	0	1	10 July	1871
	Port Phillip, g. Clunes +	1	0	0	1	34 1		1	7	0	0	i	0Ju e	1871
	Scottish Australian Min. Co.t.	1		0 .		5/h 7/h		6	1:01	r cer	ıt.	•	Apr.	
	Sierra Buttes, g, California*†	9		0 .		434 514							0Jupe	1871
	South Aurora, s, Nevada*	8		0 .		3% 4%		0	12	2	0	5	0June	1471
	St. John del Rey, Brazil*†	15		0				81	10	0	4	A	0Dec.	186
	Sweetland Creek, g, California*†	4		0				1					O. Ang.	1071
80000	Victoria (London) [25000 £1 pd.	951			nd.i			0	9	7	0	0	7. July	100
	trenden (meneral) [40000 mt but			- 00				-			-	-	ully	1000

	MARKET MARKET MARKET	M MINT		
	NON-DIVIDEND FOREIG	N MINE	5.	
Shares	Mines.	Pilla. Last	Pr. Bus.done.	Last O. U.
\$0000	Anglo-Argentine, g, s. Argentine Republic t		1 34 1	Fully pd.
20000	Anglo-Australian, q. Victoria	2 10 0		Fully pd.
100000	Angio-Brazilian, get	0 16 0		A pril 1871
12500	Anglo-Italian, g*t	1 10 0		July 1871
20000	Australian United, a. Victoria*†	2 10 0		Fully pd.
15000	Birdseve Creek, a. California* (£4 shares)	4 00	414 4 414	July 1871
50000	Braganza, q. Brazil*	0 15 0		Oct. 1870
20000	Capula, s. Mexico*t	2 00		Fully pd.
53000	Chontales, g. s. Nicaragua** (and 15,000 of £1)	2 0 0	134 11/2 13/4	Fully pd.
25000	Clifton, 8. Colorado*	0 00		Fully pd.
100000	Cuiaba, g, Minas Geraes, Brazil	0 15 0		Nov. 1870
100000	Eclipse, g, California* (£1 shares)	0 19 0	1 % 1	Aug. 1871
15000	El Chico Silver Mining and Reduction Company	1 00		Nov. 1866
60000	Exchequer, g, s, California*			Fully pd.
40000	Fortune Copper Mining Co. of Western Australia	0 0		Fully pd.
00000	Frontino and Bolivia, g. New Granada*†	0 18 0	28 18 3%	Fully pd.
150000	General Brazilian, g. (£1 shares)	4 30 0	14 1/4 1/4	Oct. 1870
(0)0	Great Western, s, Nevada*	0 10 0		June 1871
25000	Guerrero, g, Mexico (total cap. = 60,000 shares of £1)			Aug. 1869
100000	Imperial Ottoman, s-1, Turkey*			Fully pd.
\$0000	Javali, g, Nicaragua		-,	Jan. 1869
7927	Lusitanian (Portugal) †‡ (£5 shares)	0 50		Dec. 1866
30000	Malpaso, g., Colombia	10 0 0	11/2 1 11/2	July 1871
30000	Mineral Hill, s, Nevada* (£100 debentures, 1, 2, prem.)	7 00		
15000	Pacific, g, s, Nevada and California (and reduced)	3 00	514 5 514	Fully pd.
80000	Pestarena United, g, Italy*†	4 00	%·· ¾ %	Fully pd.
20000	Pinto, s, Nevada* (£5 shares)	0 15 0	14: 14 14	Aug. 1871
100000	Rosva Grande, g, Brazil** (£1 shares)		78 . 74 78	Sept. 1870
80000	Sao Vicente, Brazil*	0 70		Aug. 1871
100000	Silver Star, s, Nevada*	10 00		Fully pd.
97500	Snowdrift, s, Colorado*	0 40	- ::	July 1871
100000	Taquarii.g, Brazil* (£1 shares)		14 16	July 1871
15000	Thornbill Reef, g, Australia*		79	Fully pd.
	Tolima, g, s, New Granada*	2 10 0		July 1871
	Tuolumne, g, California*	2 00		Fully pd.
	United Mexican, s, Mexico 1	28 5 2		May 1868
	Utab, g, 8-1, Utah*		16 16 17	
75000	Yorke Peninsula, c, South Australia	1 00		Fully pd.
10000			7/ 2/ 3	Wastles and

	Yudanamutana, c. South Australia * †	3	00		%	34 1	Fully	
	NON-DIVIDEND M	IN	ES.					
12000	Assheton, l, Carnaryonshire	8	0 0		8144	11/6 81/6	Fully	pd.
12000	Bog. I. Shropshire*	2	0 (		8	236 236	Fally	pd.
12000	Cae Gynon, I. Cardiganshire*†	2				1% 1%	Fully	
3000	Chiverton Moor, I. Perrangabuloe	8	1 (			11/2 2	Aug.	
12000	Cwm Vron, I, Llanidices (some shares are 30s. paid)	2	10 (		21/4	2 2%	Fully	
512	East Basset, c, Redrutht	43	0 (		7		Aug.	1871
	East Grenville, c, Camborne	4	18 (		816	31/4 31/4	Aug.	
	Fedw, l, Llanidloca*	10					Fully	pd.
5000	Gorsedd and Celyn Level, I, Flintshire	2			33/4		Fully	
	Hingston Down, c, Calstock t	6				234 3	Aug.	1870
	New Wheal Seton, c, Camborne	78			60	50 60	Aug.	1871
	Parys Mountain, c, Anglesca*	3			31/4		Арг.	1871
12000	Pennerley, I, Shropshire*	2	0 (		4	3% 4%	Fully	pa.
	Penrhyn, I, Carnarvonshire*	2	0 (		214	134	Fully	pd.
	Perran Wheal Vyvyan, s-l, Perranzabuloe*	0	10 (				Apr.	
12000	Plynlimmon, I, Llanidloes*	2	5 (		236		Sept.	1870
12000	Roman Gravels, I, Salop*	7	10 (				Fully	pd.
1792	Rose and Chiverton United. I. Newlyn	8			9		May	1870
10000	Tan-yr-Allt, la, Carnaryonshire	3					Fully	pd.
12000	Van Consols, Llanidloes, la		10 (			% 11/2	Fully	
6000	West Basset, c, Illogaut:		0 (			5 5%	Jan.	1870
12288	West Caradon, c, St. Cleer:		18 (			1/4 2%	Aug.	1871
12000	West Maria and Fortescue, c, Lamerton	3	15 (				July	
12000	West Tankerville, I, Salop	3					Fully	pa.
6000	Wheal Agar, c. Illogan		15 (		15/8		Apr.	18.1
611	Wheal Buller, c, Redrutht:		5 (		19		Aug.	1871
5386	Wheat Crebor, c, Tavistock		0 (		156	1 11/4	June	1001
5724	Wheal Grenville, c, Camborne	11	10 0	**	7%.,6	¥ 7%	Dec.	1009

Share 12800	Aberdannant, l, Liantdloes.	1d. L	191 Pr. Bus. don
30000	Bampfylde Copper Min. Co	1 0	116. ne
4000 5000	Blue Hills, t. c. St. Agnes	1 9	116.91
20000 5000		2 0 0	
7500 6000	Bryn Royalton, t, Roche* Brynystwith, I, Cardigan* Budnick Consols, t, Perrans	9 0 0	
6000 80000	Bwadrain Cons., s-l, Cardig. Caldbeck Felis.l, Cumberld.	1 17 6	114 . 114
14000	Caradon and Phoenix, c* 1 Carn Camborne, c, Cambra.	0 0	3'4 3 84
10000		1 10 0	- 1
6000	Cefu Brwyno (llin. to £5)	5 0 0	
3000 3000	Chiverton Valley, I. Perrans.	0 6	1% 1% IV
1055	Chiverton, I, Perranzubaloe 1 Chiverton Valley, I, Perranz. Connorree, c, sul, Wicklow. 100 Craddock Moor, c, St. Cleori 18 Crenver & Wheal Abraham*.	8 0	. 37 . 81
\$0000 4000	Cwm Ricket, I, Montgom.*	2 0 0 3 5 0 3 6 0	:7:
4000 5000		15 0	
5000 30000 6070	Duchy and Stuckley, ant	0 0	
4000	Rast Chiverton, I. Perranz.	7 0	'41
5000 4000	East Dolwen, l. Cardigan	0 0	13:13
4000 50000 350	East Llangynog, l, Montgom.  East Plynlimmon, l, Llandd.  East Providence, t, Lelant.	13 0	
3640 5610		1 15 9	
25000		1 0 0	1
15000 6000 12800	East Terras, t. St. Austeil* East Van, I, Llantdloes* East Wh. Reeth, Uny Lelant Excelsior, t, c, Stoke Climsland	8 8	181419X114
5000 12800	Florence & Tonkin United* 6	7 6	
5100	Florida, s-l, Cardiganshire*. 3 Gilfach, s-l, Llangadock	0 0	6 54
12500 40000	Gliasgow Caradon, c* [30,000 &1] Goginan, Cardigan, Z	p., 10,	000 18s p.1
5700 6144 4096		4 9	
12500	Gt. N.Laxey (Isle of Man)	0 0	· · · · · · · · · · · · · · · · · · ·
3035 3000 4096	Gt. Retallack, s-l, b, Perran. 3 Great Rock, l, Corwen* 4 Great Royalton, t, Roche 1	5 0	
25000	Great Snaefell, I, I. of Man	7 6	11/4 1 1/4
12000	Great Western t.c. Broads	100	
4096	Great West Chiverton, s-l 2 Great Western, t, c, Broage. 2 Gt. Wh. Lovell, t, Wendron. 1 Green Hurth, t, Durhans (Gwydyr Park, t, Llaurwst*)	3 0	:=:
8400 12000	Green Hurth, l, Durham (Gwydyr Park, l, Llanrwst* 1 Hafodau, l, Cardiganshire (	7 0	1 %1
1000 6000	Harewood Consols 0	7 0	514
5030 64	Harmony & Montagne t e . 50	0 0	100
1000 6000	Hemerdon U., t, Plympton. 1 Hobb's Hill (*£2) t, St. Neot 1 Holyfield, t, Cumberland* 1 Leeds and St. Aubyn, t, c 28	10 0	
962 5000	Leeds and St. Aubyn, t, c 28 Llanarmon, Denbigh 2	11 2	. 10 . 79
20000	Liywernog, l, Cardiganshire 1 Lovell Consols, Wendron, t. 0	0 0	
5120 8000 4882	Mellanear, c, Hayle 4	0.0	54. p.]
4662 3000	Mineral Union, (1200) & p., 216 Mineral Bottom, s-7, Perranz & Nanty, I., Montgomeryshire* 1 Nanty, Philadd, I. s-1, Mont.* 2 Nanty-Ffrith, I., Denbigh.*. 1 New Beldon, I., Northumb.*. 0 New Central Snailbeach 1	10 0	
4000	Nanty, l, Montgomeryshire 1 Nant-y-Blaidd, l, s-l, Mont.* 2	0 0	
15000	Nant-y-Ffrith, l, Denbigh 1 New Beldon, l, Northumb	0 0	
10000 12000	New Central Snailbeach 1 New Clifford, c, Gwennap* 3	0 0.	
3586 6250 2000	N. Crow Hill. l. St. Stephen. 3 New Hendra, t, Breage 0	18 0.	
100	New Rosewarne, c. Camb 25 New Trelawny, s, l. St. Ives . 0	0 0	. 42% 50 €
14000 5000	New Victoria, c, Ashburton* 1 New Wheal Charlotte, t, c* 1	5 0	:=:
4000	New Will Levell ! Woulden o	10 0.	
2000	New Wil, Lovelt, t. Weddron New Wheal Speedwell, t. q. 18 1 No. Wheal Busy, c. Kenwyn. 0 N. Wh. Towan, t. c. Illogan. 1 North Downs, c. Redruth. 5 North Lovelt, t. Wendron . 5 North Lovelt, and c. Illogans	0.0	
512 2000 3457	N. Wh. Towan, t, c, Illogan 1 North Downs, c, Redruth 5	19 6.	
1000	North Lovell, t. Wendron 5 North Pool, c, Illogan 2	0 0.	:= ::
5000 695 12000	North Roskear. c. Camborne 63 North Tankerville, l, Salop. 1 N. Troskerby. c. St. Agnes 2		. 19 16 1
5936	N. Treskerby, c. St. Agnes 2 Ohio Crown, l. Isle of Man . 1	3 4.	
12288 20000	Ohio Crown, I, Islo of Man . I Okol Tor, c, Calstock	0 1.	: = ::
5694	Pedn-an-drea, t. Bedruth 8	20.	: = ::
4400	Penhale United, s-1, Perranz. 5	12 6.	:=::
1737 12000 6000	Perkins Beach. J. Salop 1 Perran Consols, t. Perran 2	0 0.	1%
8000 2000	Perran Wheat Virgin 1 Polhreen, t, St. Agnes 3	15 0.	7 . 61
12800 3877	Perkins Beach. J. Salop	11 0. 5 0.	= :
5000 16275	Reperry Mine. t. c. Lanivet. 1 Rhoswyddol, l, Montgomery. 1	00.	= 13
2000	Rhydtalog. s.l, Cardiganshire 1 Roche Consols. Roche 1	0 0.	= ::
5000	Shelton, cl, t, St. Austell I South Carn Brea.c. t 1	0 0.	11/411
3395	So. Herodsfoot, I. Liskeard. 5 So. Lisburne, I. bl. Cardigan* 0	0 0.	- 4 W
200.00		15 0. 5 0.	: = .:.
12000	So. Roman Gravels, I. Salop. 1	19 0.	136 1
236	Spearne Consols, t. St. Just 8	00.	314 1/4
		00.	
12000 20000	Tamar, s.l. Lifton, Devon 1 Tamar Fire Brick and Clay 2	0 0.	= 11
3879 4000	TamarValley, sl. Beeralston 1 Teign Valley, l. bar., Bridford 1	7 6.	- "44
25000 3500	Terras Tin Mine, St. Austell 1 Tin Hill, t, St. Austell 1	80.	- "
6000 8000	Tin Valley, St. Neot 1	4 6.	- ml (1)
100 410	Trannack	11 0.	20
2048 10000	Treveddoe, t, c, Warleggan. 1	12 6.	
4096 200	Trewetha. s-l, Menheniot 11 Tucker's Downs, t, Crowan 4		. 178**
70 1000	Vaughan, s-l, Cardigan 3	00.	- 0
15000	Virtuous Lady, c. Tavistock* 1	0 0.	- "

15000 Vittous Lady, c. Tavistock\* 25000 Vythuous Lady, c. Tavistock\* 25000 Vyon United, s.l., Flintshire\* 256 West Damsol, c. Gwennap., 12800 W. Drake Walls, c. Calsicock 6000 W. dodolphin, f. c. Braaset 

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